

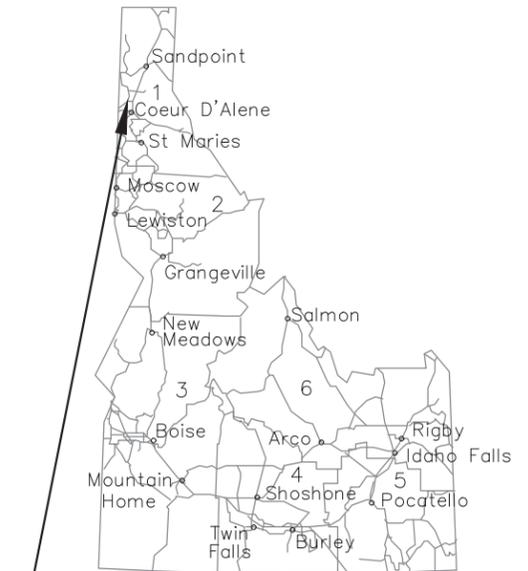
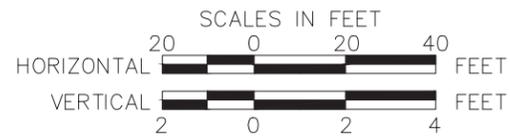
INDEX OF SHEETS	
ROADWAY PLANS	
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2	TOTAL OWNERSHIP MAP
3	PROJECT CLEARANCE SUMMARY
4	TYPICAL SECTIONS
5	ROADWAY SUMMARY
6-11	DEMOLITION PLAN SHEETS
12	PROJECT OVERVIEW
13-29	ROADWAY PLAN & PROFILE SHEETS
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40	ILLUMINATION MATERIALS LIST
41	ILLUMINATION PLAN
42	ILLUMINATION DETAILS
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50	SIGNING & PAVEMENT MARKING DETAILS
51-52	TRAFFIC CONTROL PLAN
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IDAHO
TRANSPORTATION DEPARTMENT

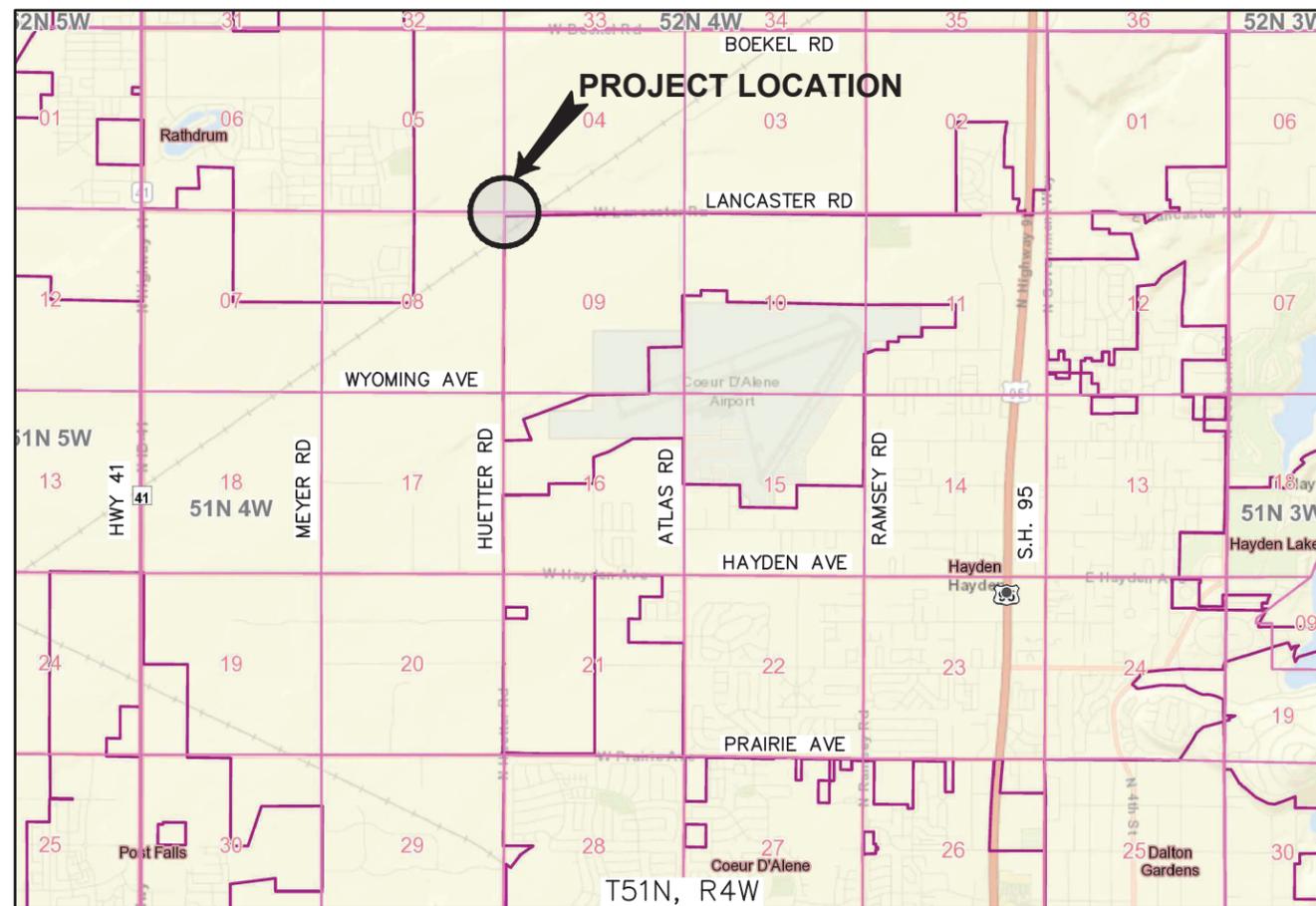
PLAN AND PROFILE OF PROPOSED
SMA-7218, LANCASTER & HUETTER ROUNDABOUT, LAKES HD
FEDERAL AID PROJECT NO. A022(875)

KEY NO. 22875
KOOTENAI COUNTY

MAY 2025



A022(875)
LANCASTER & HUETTER ROUNDABOUT
LAKES HIGHWAY DISTRICT
LANCASTER M.P. 103.638 TO M.P. 103.832
HUETTER M.P. 105.963 TO M.P. 106.130
SEGMENT CODE 001987 AND 007359



DESIGN DESIGNATION	
ADT (2024)	3,640
ADT (2044)	4,900
DHV (2024)	380
DHV (2044)	510
D	60/40%
V	45 MPH
TRUCKS:	
ADT (2024)	180
ADT (2044)	250
DHV (2024)	320
DHV (2044)	440

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

THE DIMENSIONS SHOWN ON THE PLANS SHALL BE ATTAINED WITHIN LIMITS OF PRECISION THAT GOOD CONSTRUCTION PRACTICES WILL PERMIT

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME: 22875_TITL_001.DWG
 DRAWING DATE: 12-20-2024

IDAHO
TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

TITLE SHEET
SMA-7218
LANCASTER & HUETTER
ROUNDABOUT, LAKES HD

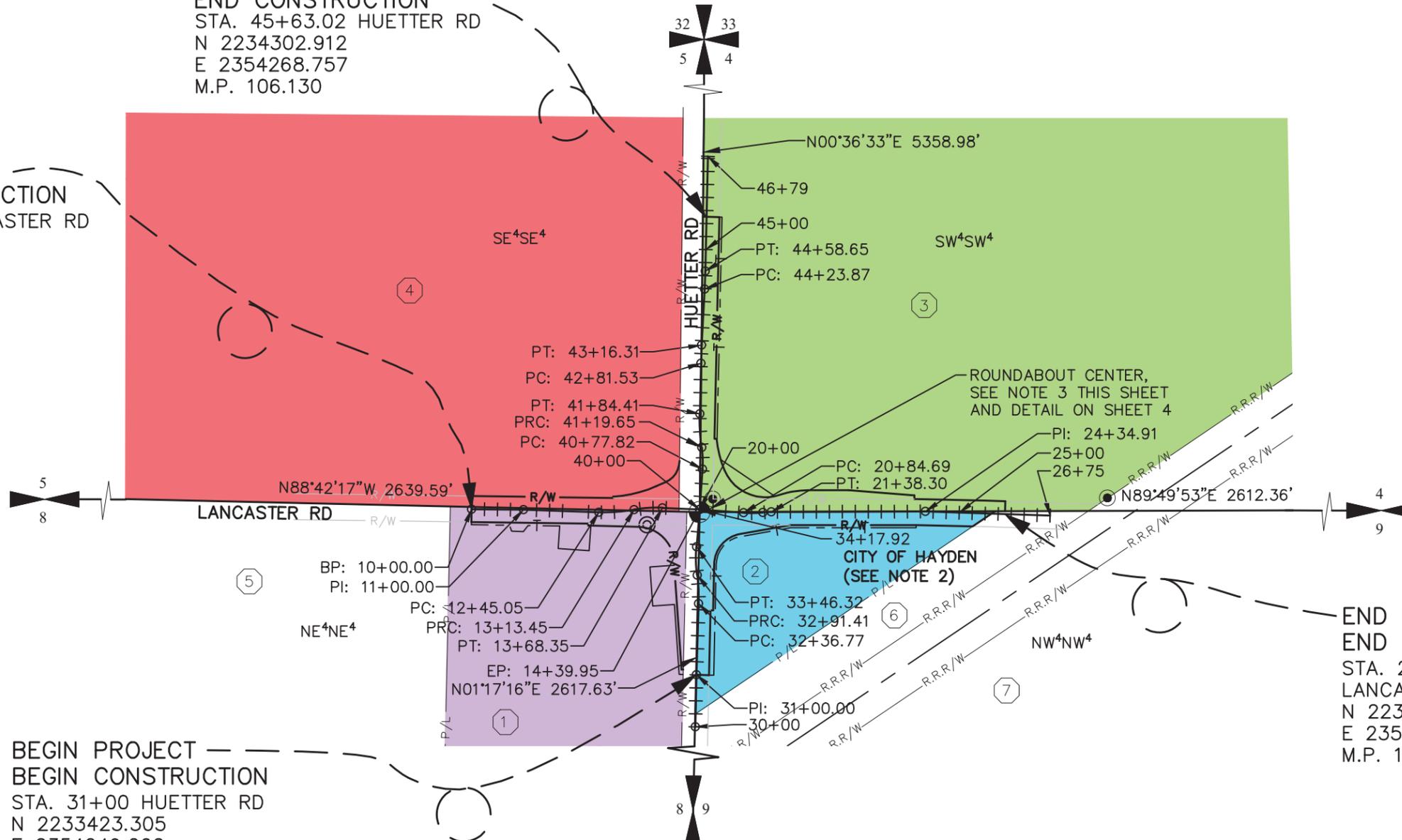
English
 COUNTY
KOOTENAI
 KEY NUMBER
22875
 SHEET **1** OF **52**

Digitally signed by Mohsen Amirmojahedi
 Date: 2025.05.23 13:30:23 -06'00'
 Approved for Advertising
05/23/2025
 Date Approved

T. 51 N., R. 4 W., B.M.
SECTIONS 4, 5, 8, 9

END PROJECT
END CONSTRUCTION
STA. 45+63.02 HUETTER RD
N 2234302.912
E 2354268.757
M.P. 106.130

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 10+00 LANCASTER RD
N 2233741.378
E 2353816.286
M.P. 103.638



NOTES:

1. TOTAL OWNERSHIP AREAS SHOWN REPRESENT THE AREAS FROM ASSESSOR'S DATA SHEETS. THE OWNERSHIP PARCELS WERE NOT SURVEYED AND SAID AREAS ARE APPROXIMATE. REMAINDER AREAS WERE CALCULATED BY DEDUCTING ANY ACQUISITIONS MADE AS A RESULT OF THIS PROJECT FROM THOSE APPROXIMATE AREAS.

2. THE CITY OF HAYDEN CITY LIMITS EXTEND TO THE NORTH AND WEST LINES OF SECTION 9.

3. ROUNDABOUT CENTER STATIONING

LANCASTER RD WEST STA 14+39.95=
LANCASTER RD EAST STA 20+00.00

HUETTER RD SOUTH STA 34+17.92=
HUETTER RD NORTH STA 40+00.00
SEE DETAIL ON SHEET 4

END PROJECT
END CONST.
STA. 25+87.92
LANCASTER RD
N 2233731.830
E 2354843.062
M.P. 103.832

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 31+00 HUETTER RD
N 2233423.305
E 2354249.262
M.P. 105.963

PARCEL NO.	PARCEL ID NO.	RECORD OWNER	TOTAL OWNERSHIP		RIGHT OF WAY		REMAINDER		EASEMENT	
			ASSESSED AC.	REQ'D AC.	EXIST AC.	LEFT AC.	RIGHT AC.	PERM AC.	TEMP AC.	
1	22875L01	KYLE J AND BRITNE A MEYER	7.136	0.397	0.257	6.739				0.193
2	22875L02	JUSTIN AND HEATHER ARTS	2.530	0.565	0.492	1.965				0.081
3	22875L03	HAYDEN AREA REGIONAL SEWER BOARD	292.548	0.837	0.675		291.711	0.052		0.049
4	22875L04	AG4IDAHO LLC, DOUGLAS AND KATHRYN MEYER, WKLV LLC	77.576	0.267	0.210		77.309			
*5	INFO ONLY	WKLV LLC.	299.598	0	0					
*6	INFO ONLY	MISSOURI IMPROVEMENT CO.	1.796	0	0					
*7	INFO ONLY	WALTER MEYER	314.374	0	0					

SCALE: 1"=250'

ORIGINAL STORED
AT: 1TD, District 1
600 West Prairie,
Coeur d'Alene, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	MLD	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 22875_OWN_001.DWG DRAWING DATE: 08-24-2023
DESIGN CHECKED	MLH	
DETAILED	MLH/MJD	
DRAWING CHECKED	MLH	

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

TOTAL OWNERSHIP MAP
SMA-7218
LANCASTER & HUETTER
ROUNDABOUT, LAKES HD

English
COUNTY
KOOTENAI
KEY NUMBER
22875
SHEET 2 OF 52

PROFESSOR
MICHAEL LYNN HATHAWAY
LICENSED
12318
STATE OF IDAHO
11/02/23

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CLEARANCES

PROJECT STANDARDS

CONCEPT APPROVAL AASHTO 3R 1R STATE
 PM OTHER N/A

DESIGN EXCEPTIONS: _____

PUBLIC HEARING WAIVER _____

PUBLIC HEARING DATE (Latest hearing date held or scheduled for opportunity) _____

DESIGN APPROVAL _____

RECLAMATION PLAN APPROVAL NO(S) _____

AIRPORT _____

Land Survey Monument Search and documentation (I.C.55-1613) _____

R/W CERTIFICATE: Issued by HQ DISTRICT _____

TRIBAL LANDS: AGREEMENT REQUIRED SPECIAL PROVISIONS FOR CONTRACT PROPOSAL _____

BRIDGE PS & E _____

ENVIRONMENTAL DECISION: TYPE CAT-EX FONSI ROD _____

ENVIRONMENTAL RE-EVALUATION _____

* CLEARED UNDER PROJECT NO.

* APPROVAL DATE

A022 (875)

01-26-2022

N/A

N/A

N/A

N/A

A022 (875)

01-03-2023

A022 (875)

06-27-2023

N/A

N/A

A022 (875)

04-17-2025

A022 (875)

04-01-2025

N/A

N/A

A022 (875)

08-29-2023

A022 (875)

01-28-2025

* EXPIRATION DATE

N/A

N/A

N/A

N/A

PERMITS

IDAHO DEPARTMENT OF WATER RESOURCES PERMIT NO(S) _____

US ARMY CORPS OF ENGINEERS 404 PERMIT NO(S) _____

OTHER _____

DEQ SECTION 401 WATER QUALITY CERTIFICATION YES NO

NPDES GENERAL PERMIT/SWPPP REQUIRED: YES NO

THIRD PARTY INSPECTION REQUIRED YES NO

POLLUTION PREVENTION PLAN REQUIRED YES NO

AGREEMENTS (List Appropriate Name)

LOCAL: CITY _____

COUNTY _____

HIGHWAY DISTRICT _____

ROAD CLOSURE AND MAINTENANCE _____

STATE/LOCAL CONSTRUCTION LAKES HIGHWAY DISTRICT

N/A

N/A

N/A

N/A

A022 (875)

03-07-2025

IRRIGATION DISTRICT(S): Crossing Agreement Required YES NO
 (Signatures Required on either Structure Drawing or Bridge Sheet)

UTILITIES: List all Utilities shown on plans

RETAIN & PROTECT

Co. AVISTA

Co. KOOTENAI ELECTRIC COMPANY (KEC)

Co. ZIPLY TELEPHONE

Co. HAYDEN AREA REGIONAL SEWER BOARD (HARSB)

Co. COGENT COMMUNICATIONS

Co. _____

Co. _____

* APPROVAL DATES

UTILITY HEARING WAIVER

AGREEMENT

* AGREEMENT NO.

11-18-2024

R-45443

04-09-2025

N/A

12-10-2024

01-30-2025

* AGREEMENT

RAILROAD List all Railroads encroached upon

* AGREEMENT FOR

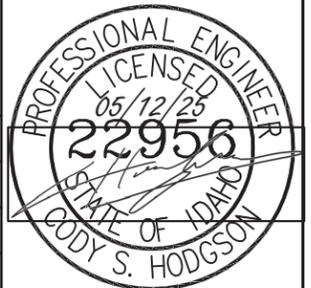
EFFECTIVE DATE

NO.

* ENTER "N/A" WHEN NOT APPLICABLE

** LPA PROJECTS - DATE ENTERED BY ROADWAY DESIGN WHEN PROJECT SENT TO PS&E.

ORIGINAL STORED AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



ROADWAY ESTIMATING DATA

PAVING:

PG 64-28 ASPHALT CEMENT FOR SUPERPAVE HMA SP-3
ESTIMATED @ 5.5% BY WEIGHT OF AGGREGATE AND ANTI-STRIPPING
ADDITIVE @ 1/2% WEIGHT OF ASPHALT.
1/2 IN. AGGREGATE FOR SUPERPAVE PAVEMENT INCLUDING
ASPHALT AND ADDITIVES IS ESTIMATED AT 150 LBS/CF.

TACK:

CSS-I DILUTED EMULSIFIED ASPHALT FOR TACK ESTIMATED
@ 0.05 GAL/SY

AGGREGATE:

3/4 IN AGGREGATE TYPE B FOR AGGREGATE BASE
INCLUDING 7% MOISTURE ESTIMATED @ 145 LBS/CF.
GRANULAR SUBBASE, INCLUDING 4% MOISTURE, FOR
PLACEMENT UNDER FOOTINGS IS ESTIMATED @ 142 LBS/CF.

COMPACTION:

CLASS A

SMOOTHNESS:

STRAIGHT EDGE REQUIREMENTS.

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REVISIONS

DESIGNED

AJD/CSH

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY

DESIGN CHECKED

AJD/MLC

DETAILED

SDS

CADD FILE NAME 22875_PSUM_001.DWG

DRAWING CHECKED

AJD/CSH/MLC

DRAWING DATE: 05-12-2025

IDAHO TRANSPORTATION DEPARTMENT



WELCH COMER ENGINEERS

PROJECT NO.

A022(875)

PROJECT CLEARANCE SUMMARY

SMA-7218

**LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD**

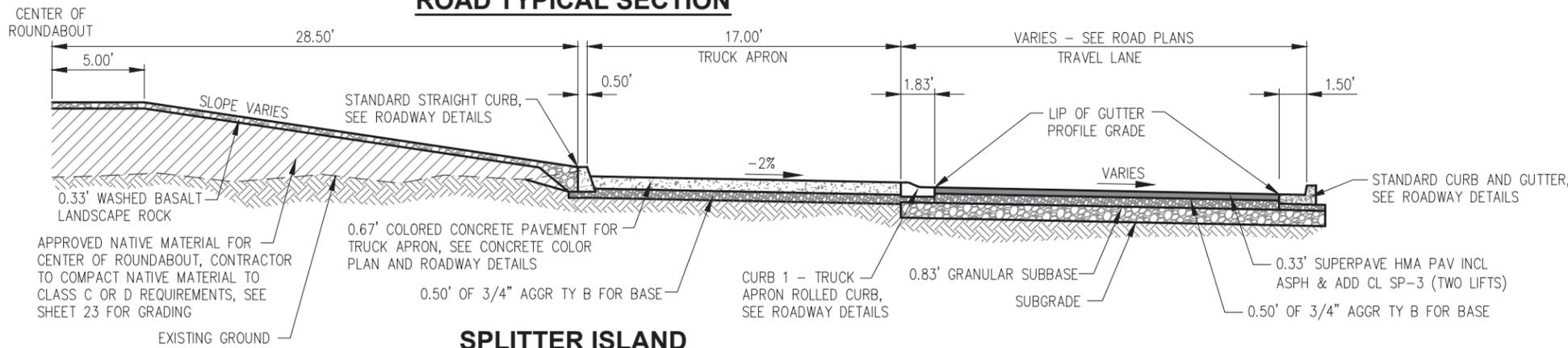
English

COUNTY KOOTENAI

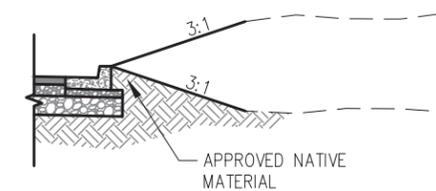
KEY NUMBER 22875

SHEET 3 OF 52

**ROUNDABOUT
ROAD TYPICAL SECTION**

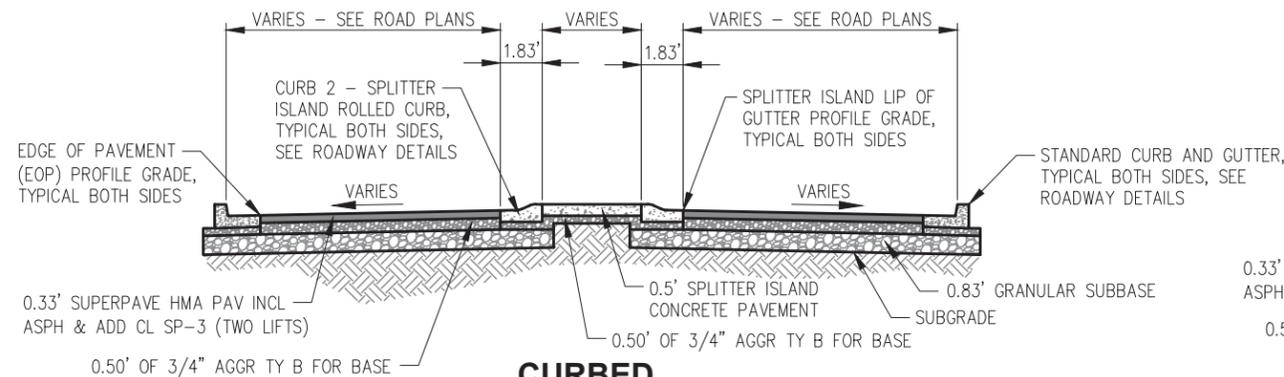


NON-SWALE SECTION

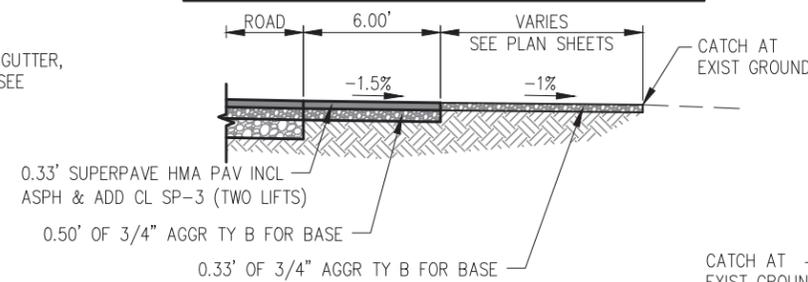


**SEE SOUTHWEST SWALE GRADING
PLAN FOR SWALE SECTIONS**

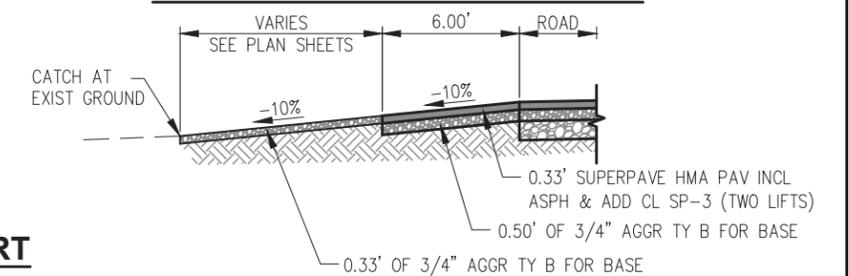
**SPLITTER ISLAND
ROAD TYPICAL SECTION**



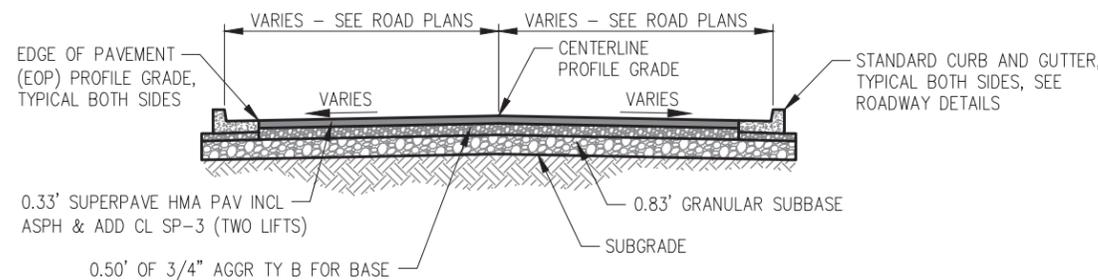
**DRIVEWAY SECTION
LANCASTER WEST STA 10+89 RT**



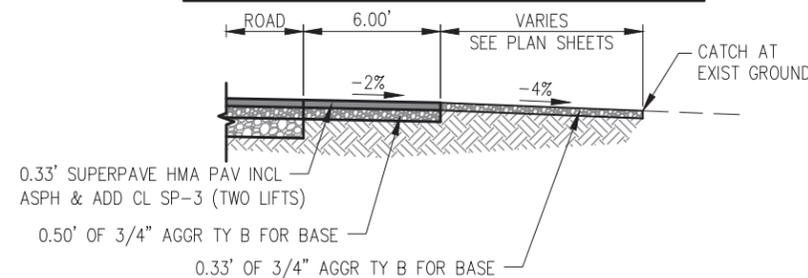
**DRIVEWAY SECTION
HUETTER SOUTH STA 32+70 LT**



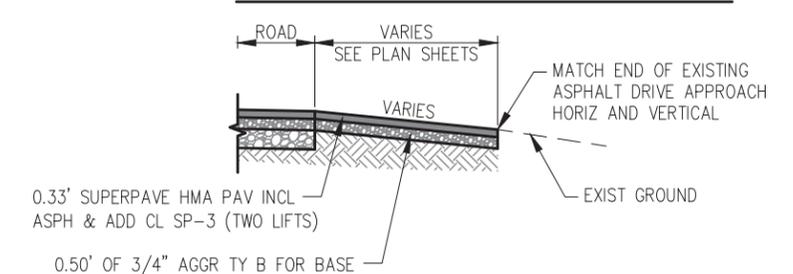
**CURBED
ROAD TYPICAL SECTION**



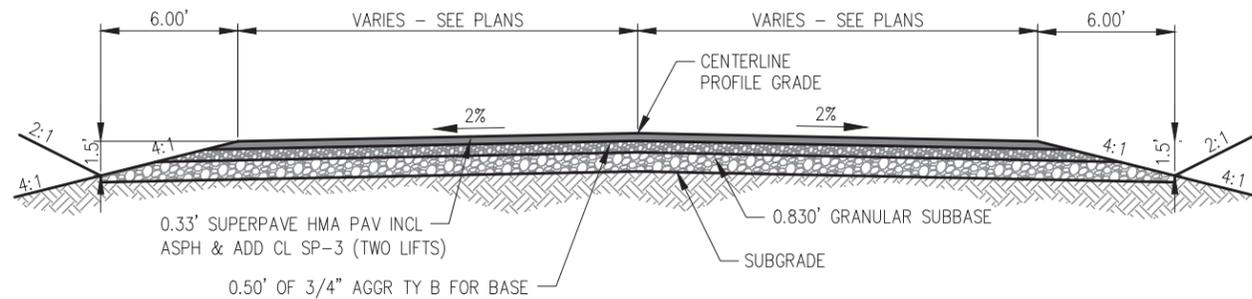
**DRIVEWAY SECTION
LANCASTER WEST STA 12+00 RT**



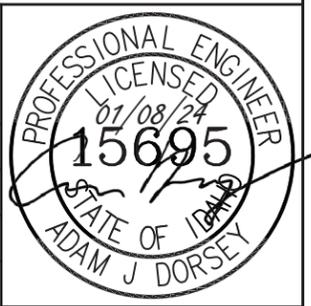
**DRIVEWAY SECTION
HUETTER NORTH STA 45+63 RT**



**NO CURB
ROAD TYPICAL SECTION**



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	
DRAWING CHECKED	AJD/CSH/MLC	

**IDAHO
TRANSPORTATION
DEPARTMENT**

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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TYPICAL SECTIONS	SMA-7218
	LANCASTER & HUETTER ROUNDBOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 4 OF 52

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SHEET NUMBER				Demolition	Roadway Plan/Profile	PPP	Illumination	Signing / Pavement Markings	Traffic Control
ITEM NO.	ITEM	UNIT	TOTAL	6-11	13-29	34-39	41	44-49	51-52
107-019A	SURVEY MONUMENT PRESERVATION	CA	10000						
201-005A	CLEARING & GRUBBING	ACRE	1.38						
203-005A	REMOVAL OF OBSTRUCTIONS	LS	1	1					
203-006A	REMOVAL OF SIGN	EACH	6	6					
203-015A	REMOVAL OF BITUMINOUS SURF	SY	6135	6135					
205-005A	EXCAVATION	CY	7100						
212-011A	FIBER WATTLE	FT	1895			1,895			
212-020A	SILT FENCE	FT	245			245			
212-060A	STABILIZED CONST ENTRANCE	EACH	2			2			
212-095A	INLET PROTECTION	EACH	1			1			
212-105A	WATER AND POLLUTION	CA	10000						
213-005A	TOPSOIL	CY	19.2			19.2			
301-005A	GRANULAR SUBBASE	TON	4030						
303-022A	3/4" AGGREGATE TYPE B FOR BASE	TON	3190						
405-240A	MISCELLANEOUS PAVEMENT	SY	128		128				
405-245B	APPROACH - GRAVEL	EACH	3		3				
405-435A	SUPERPAVE HMA PAVEMENT INCLUDING ASPHALT & ADDITIVES CLASS SP-3	TON	1690						
411-005A	URBAN CONCRETE PAVEMENT	SY	854.7		854.7				
614-025A	CURB RAMP	SY	88.4		88.4				
615-255A	CURB	FT	182		182				
615-490A	CURB & GUTTER	FT	1426		1,426				
615-490B	CURB & GUTTER ROLLED	FT	1332		1,332				
616-010A	SIGN TYPE B-1	SF	108.9					108.9	
619-010A	ILLUMINATION TYPE 2	LS	1				1		
621-005A	SEED BED PREPARATION	ACRE	0.84			0.84			
621-010A	SEEDING	ACRE	0.84			0.84			
621-015A	MULCHING	ACRE	0.84			0.84			
626-010A	TEMPORARY TRAFFIC CONTROL SIGNS	SF	738						738
626-040A	BARRICADE TYPE 3	EACH	12						12
626-100A	MISCELLANEOUS TEMPORARY TRAFFIC CONTROL	CA	10000						10,000
626-105A	TEMPORARY TRAFFIC CONTROL MAINTENANCE	HR	150						100
626-120A	FLAGGER CONTROL	HR	80						40
630-010A	TRANSVERSE, WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS - PREFORMED THERMOPLASTIC	SF	125					125	
630-025A	LONGITUDINAL PAVEMENT MARKING - WATERBORNE	FT	5761					5,761	
675-005A	SURVEY	LS	1						
675-010A	DIRECTED SURVEYING	CA	10000						
677-005A	RECORD DRAWINGS	LS	1						
S610-05A	REM & RESET FENCE	FT	397		397				
S901-05A	SP IMPORTED GRANITE LANDSCAPE BOULDERS	EACH	4			4			
S901-05D	SP STEEL SIGN POST	EACH	23					23	
S912-05A	WASHED BASALT LANDSCAPE SURFACE	SY	254			254			
Z629-05A	MOBILIZATION	LS	1						

ORIGINAL STORED AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_RSUM_001.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 12-20-2024

IDAHO TRANSPORTATION DEPARTMENT

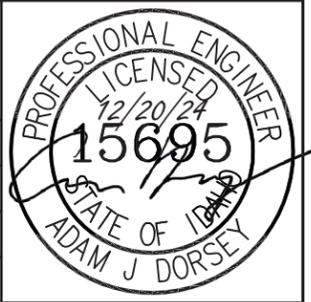
WELCH COMER ENGINEERS



PROJECT NO.
A022(875)

ROADWAY SUMMARY
**SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD**

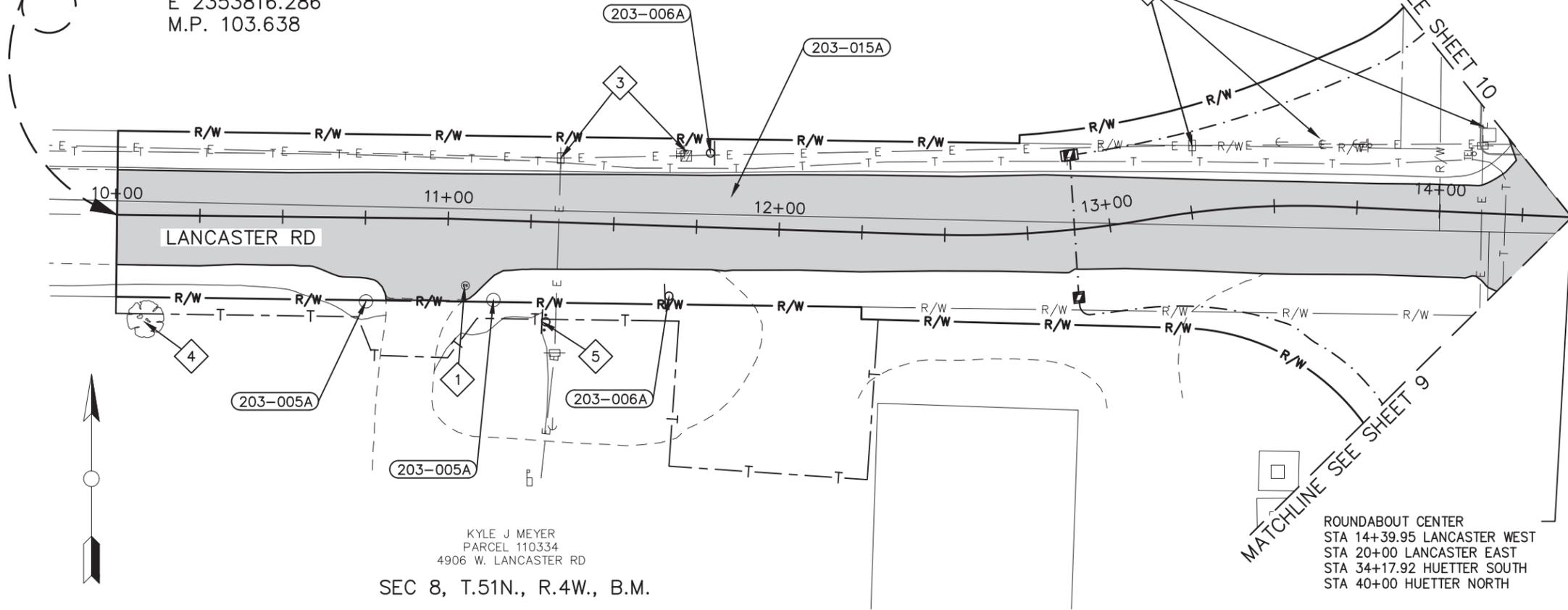
English
COUNTY
KOOTENAI
KEY NUMBER
22875
SHEET **5** OF **52**



SEC 5, T.51N., R.4W., B.M.

WKLV LLC
PARCEL 125166

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 10+00 LANCASTER RD
N 2233741.378
E 2353816.286
M.P. 103.638



KYLE J MEYER
PARCEL 110334
4906 W. LANCASTER RD
SEC 8, T.51N., R.4W., B.M.

- (203-005A) REM OF OBSTRUCTIONS
LS
STA. 10+75, 25' RT – LANDSCAPE ROCK PILE
STA. 11+14, 24' RT – LANDSCAPE ROCK PILE
- (203-006A) REMOVAL OF SIGN
1 EACH, STA. 11+67' RT
1 EACH, STA. 11+78' LT
- (203-015A) REM OF BITUMINUS SURF
1411 SY, STA. 10+00 TO 14+39.95

NOTES:

- ① RETAIN AND PROTECT EXISTING SURVEY MONUMENTS. REFERENCE AND REPLACE ANY MONUMENTS DISTURBED OR DESTROYED.
- ② CONTRACTOR MUST COORDINATE REMOVALS AND RELOCATIONS WITH RESPECTIVE UTILITIES. SEE UTILITY SHEET.
- ③ RETAIN AND PROTECT EXISTING UTILITIES.
- ④ RETAIN AND PROTECT ALL EXISTING TREES UNLESS SPECIFICALLY CALLED OUT FOR REMOVAL.
- ⑤ RETAIN AND PROTECT EXISTING SIGN.

ASPHALT REMOVAL AREA



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	MLD/SDS	CADD FILE NAME 22875_DEMO_002.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

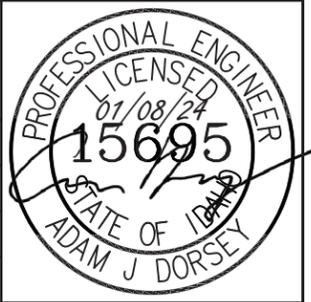
IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

DEMOLITION PLAN – LANCASTER WEST
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

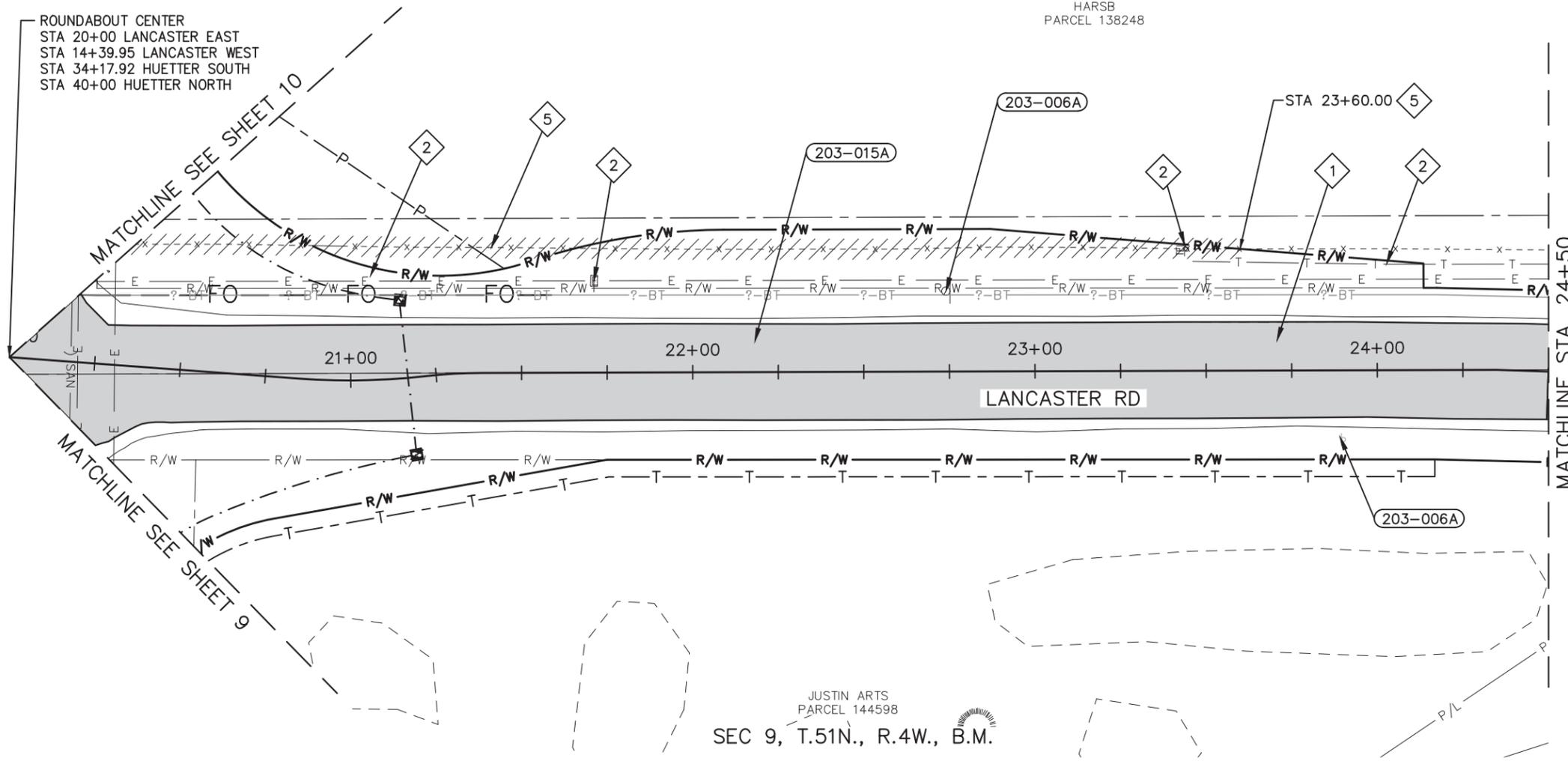
English
COUNTY
KOOTENAI
KEY NUMBER
22875
SHEET 6 OF 52



SEC 4, T.51N., R.4W., B.M.

HARSB
PARCEL 138248

ROUNDAABOUT CENTER
STA 20+00 LANCASTER EAST
STA 14+39.95 LANCASTER WEST
STA 34+17.92 HUETTER SOUTH
STA 40+00 HUETTER NORTH



JUSTIN ARTS
PARCEL 144598
SEC 9, T.51N., R.4W., B.M.

- (203-006A) REMOVAL OF SIGN
1 EACH, STA. 22+74 LT
1 EACH, STA. 23+89 RT
- (203-015A) REM OF BITUMINUS SURF
1394 SY, STA. 20+00 TO 24+50

NOTES:

- ① RETAIN AND PROTECT EXISTING SURVEY MONUMENTS. REFERENCE AND REPLACE ANY MONUMENTS DISTURBED OR DESTROYED.
- ② CONTRACTOR MUST COORDINATE REMOVALS AND RELOCATIONS WITH RESPECTIVE UTILITIES. SEE UTILITY SHEET.
- ③ RETAIN AND PROTECT EXISTING UTILITIES.
- ④ RETAIN AND PROTECT ALL EXISTING TREES UNLESS SPECIFICALLY CALLED OUT FOR REMOVAL.
- ⑤ REMOVE AND RELOCATE EXISTING FENCE, SEE ROADWAY PLANS.

- ASPHALT REMOVAL AREA
- REMOVE AND RELOCATE FENCE



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	MLD/SDS	CADD FILE NAME 22875_DEMO_003.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

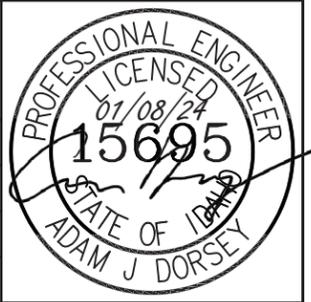
IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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DEMOLITION PLAN - LANCASTER EAST
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 7 OF 52

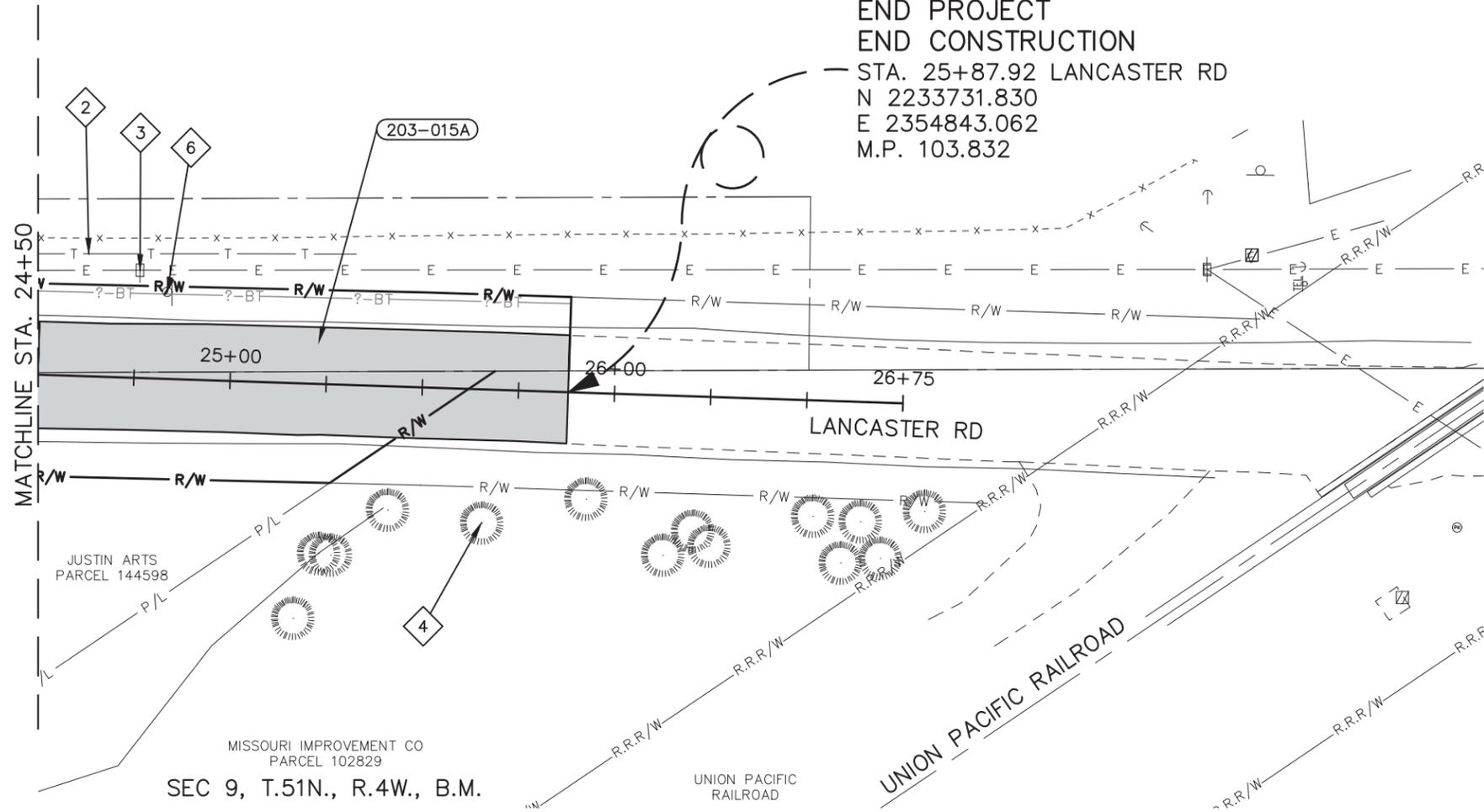


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SEC 4, T.51N., R.4W., B.M.

HARSB
PARCEL 138248

END PROJECT
END CONSTRUCTION
STA. 25+87.92 LANCASTER RD
N 2233731.830
E 2354843.062
M.P. 103.832

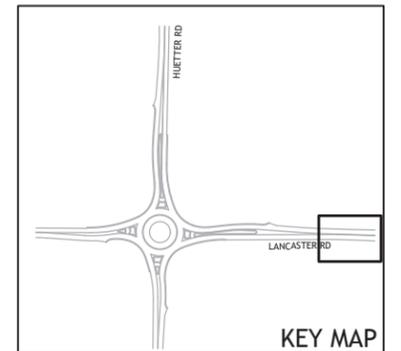


203-015A REM OF BITUMINUS SURF
427 SY, STA. 24+50 TO 25+87.92

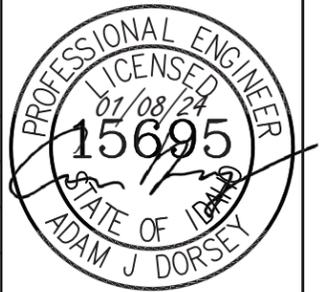
NOTES:

- ① RETAIN AND PROTECT EXISTING SURVEY MONUMENTS. REFERENCE AND REPLACE ANY MONUMENTS DISTURBED OR DESTROYED.
- ② CONTRACTOR MUST COORDINATE REMOVALS AND RELOCATIONS WITH RESPECTIVE UTILITIES. SEE UTILITY SHEET.
- ③ RETAIN AND PROTECT EXISTING UTILITIES.
- ④ RETAIN AND PROTECT ALL EXISTING TREES UNLESS SPECIFICALLY CALLED OUT FOR REMOVAL.
- ⑤ REMOVE AND RELOCATE EXISTING FENCE, SEE ROADWAY PLANS.
- ⑥ RETAIN AND PROTECT EXISTING SIGN.

ASPHALT REMOVAL AREA



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	MLD/SDS	CADD FILE NAME 22875_DEMO_003.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS



PROJECT NO.	A022(875)
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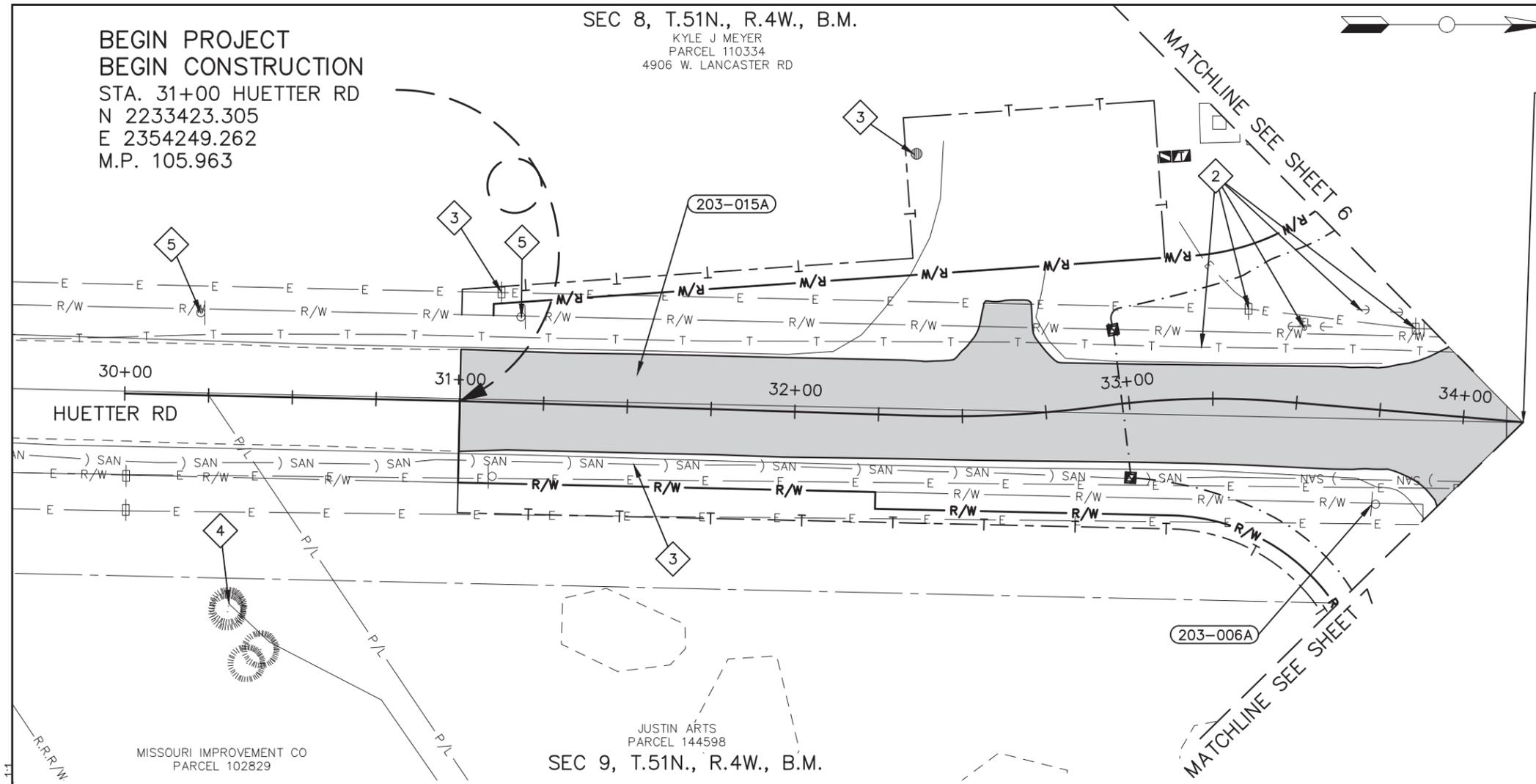
DEMOLITION PLAN - LANCASTER EAST
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 8 OF 52

BEGIN PROJECT
 BEGIN CONSTRUCTION
 STA. 31+00 HUETTER RD
 N 2233423.305
 E 2354249.262
 M.P. 105.963

SEC 8, T.51N., R.4W., B.M.

KYLE J MEYER
 PARCEL 110334
 4906 W. LANCASTER RD



203-006A REMOVAL OF SIGN
 1 EACH, STA. 33+76 RT

203-015A REM OF BITUMINUS SURF
 1079 SY, STA. 30+00 TO 34+17.92 LT

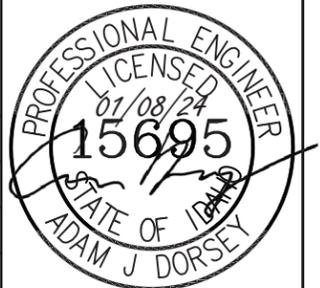
NOTES:

- ① RETAIN AND PROTECT EXISTING SURVEY MONUMENTS. REFERENCE AND REPLACE ANY MONUMENTS DISTURBED OR DESTROYED.
- ② CONTRACTOR MUST COORDINATE REMOVALS AND RELOCATIONS WITH RESPECTIVE UTILITIES. SEE UTILITY SHEET.
- ③ RETAIN AND PROTECT EXISTING UTILITIES.
- ④ RETAIN AND PROTECT ALL EXISTING TREES UNLESS SPECIFICALLY CALLED OUT FOR REMOVAL.
- ⑤ RETAIN AND PROTECT EXISTING SIGN.

ASPHALT REMOVAL AREA



ORIGINAL STORED
 AT: ITD, District 1
 600 West Prairie,
 Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	MLD/SDS	CADD FILE NAME 22875_DEMO_004.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

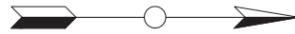
PROJECT NO.	A022(875)
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DEMOLITION PLAN – HUETTER SOUTH
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

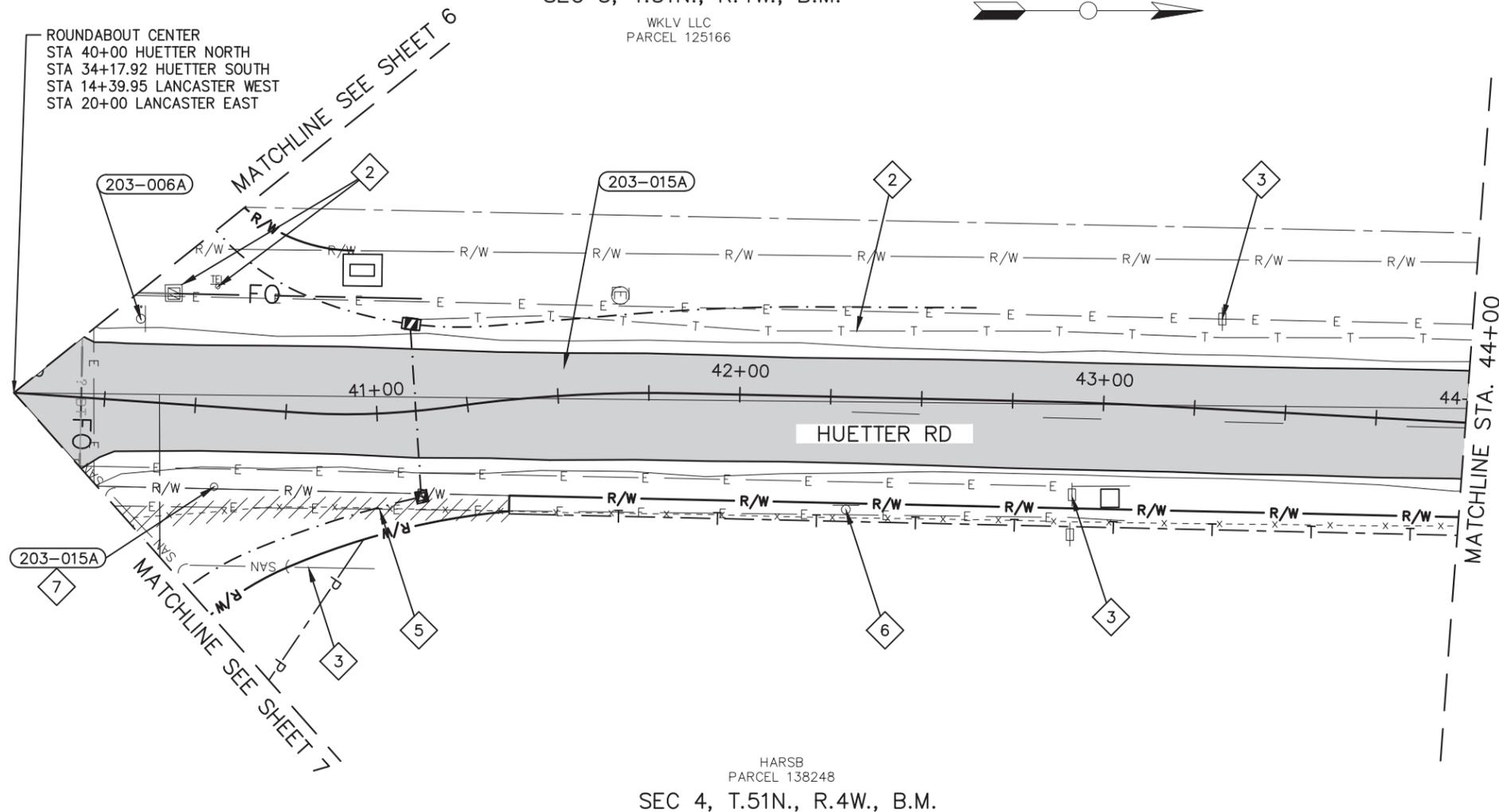
English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 9 OF 52

SEC 5, T.51N., R.4W., B.M.

WKLV LLC
PARCEL 125166



ROUNDAABOUT CENTER
STA 40+00 HUETTER NORTH
STA 34+17.92 HUETTER SOUTH
STA 14+39.95 LANCASTER WEST
STA 20+00 LANCASTER EAST



HARSB
PARCEL 138248

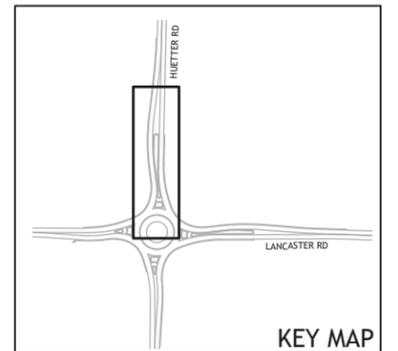
SEC 4, T.51N., R.4W., B.M.

- 203-005A REM OF OBSTRUCTIONS
LS
STA. 40+57, 22' RT – MEMORIAL (SEE NOTE 7)
- 203-006A REMOVAL OF SIGN
1 EACH, STA. 40+33 LT
- 203-015A REM OF BITUMINUS SURF
1280 SY, STA. 40+00 TO 44+00

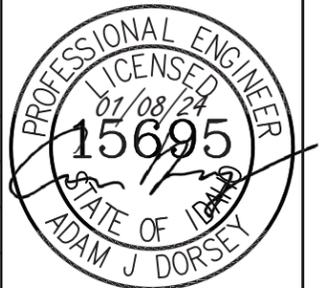
NOTES:

- 1 RETAIN AND PROTECT EXISTING SURVEY MONUMENTS. REFERENCE AND REPLACE ANY MONUMENTS DISTURBED OR DESTROYED.
- 2 CONTRACTOR MUST COORDINATE REMOVALS AND RELOCATIONS WITH RESPECTIVE UTILITIES. SEE UTILITY SHEET.
- 3 RETAIN AND PROTECT EXISTING UTILITIES.
- 4 RETAIN AND PROTECT ALL EXISTING TREES UNLESS SPECIFICALLY CALLED OUT FOR REMOVAL.
- 5 REMOVE AND RELOCATE EXISTING FENCE, SEE ROADWAY PLANS.
- 6 RETAIN AND PROTECT EXISTING SIGN.
- 7 REMOVE AND RELOCATE MEMORIAL TO APPROX STA 43+03 RT. PROTECT THROUGHOUT CONSTRUCTION. WORK CONSIDERED INCIDENTAL TO REMOVAL OF ABSTRUCTIONS.

ASPHALT REMOVAL AREA



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	MLD/SDS	CADD FILE NAME 22875_DEMO_005.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

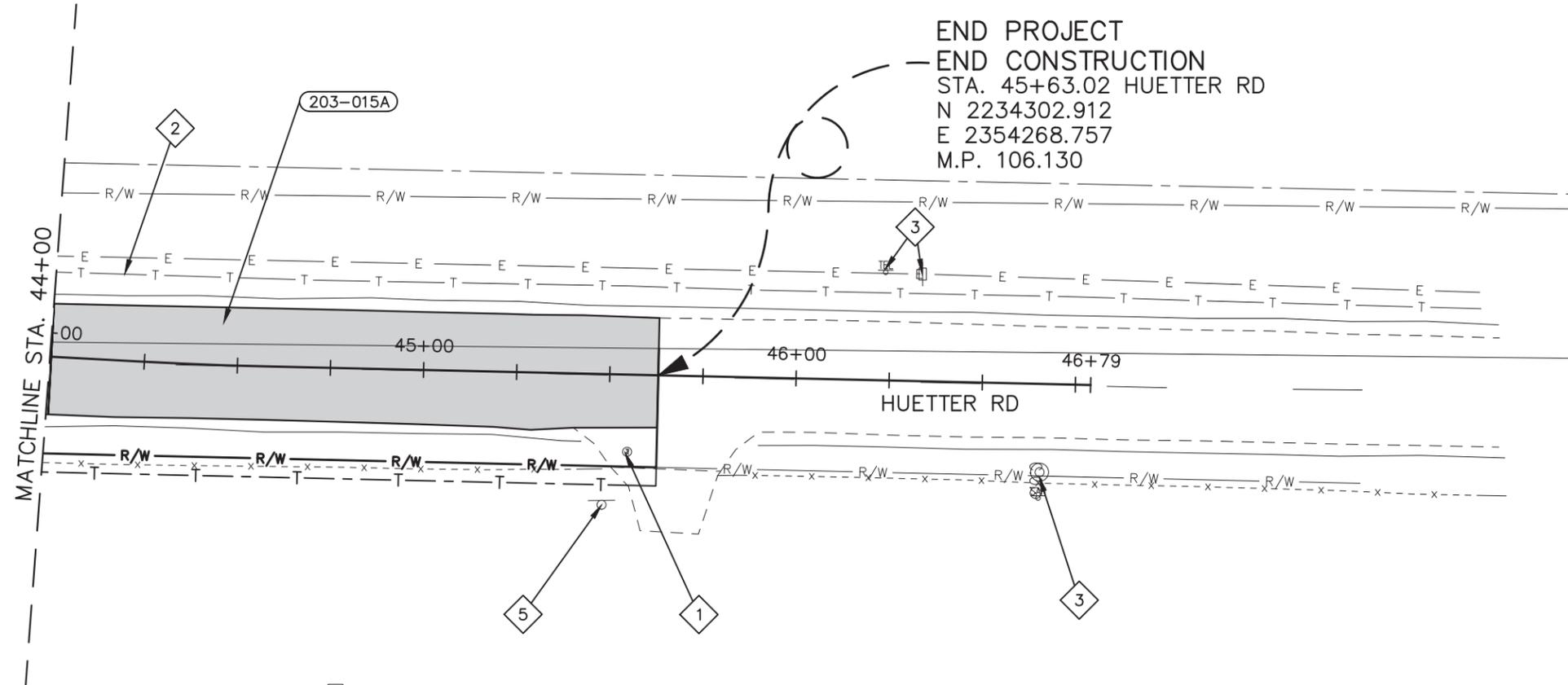
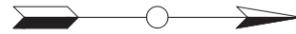
PROJECT NO.	A022(875)
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DEMOLITION PLAN – HUETTER NORTH
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 10 OF 52

SEC 5, T.51N., R.4W., B.M.

WKLV LLC
PARCEL 125166



END PROJECT
END CONSTRUCTION
STA. 45+63.02 HUETTER RD
N 2234302.912
E 2354268.757
M.P. 106.130

MATCHLINE STA. 44+00

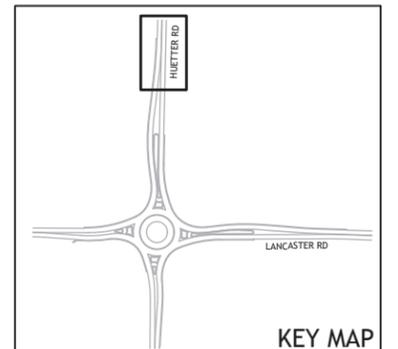
HARSB
PARCEL 138248
SEC 4, T.51N., R.4W., B.M.

203-015A REM OF BITUMINUS SURF
544 SY, STA. 44+00 TO 45+63.02

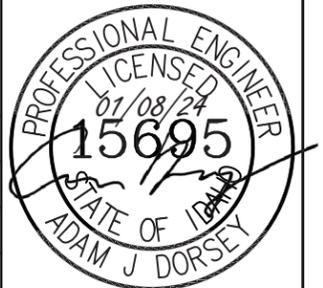
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- ④ RETAIN AND PROTECT ALL EXISTING TREES UNLESS SPECIFICALLY CALLED OUT FOR REMOVAL.
- ⑤ RETAIN AND PROTECT EXISTING SIGN.

ASPHALT REMOVAL AREA



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DESIGN CHECKED	AJD/MLC	
DETAILED	MLD/SDS	CADD FILE NAME 22875_DEMO_005.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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DEMOLITION PLAN – HUETTER NORTH
SMA-7218
LANCASTER & HUETTER
ROUNDBOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 11 OF 52

SEC 5, T.51N., R.4W., B.M.

WKLV LLC
PARCEL 125166

SEC 4, T.51N., R.4W., B.M.

HARSB
PARCEL 138248

ROUNDAABOUT CENTER
STA. 14+39.95 LANCASTER RD WEST
STA. 20+00 LANCASTER RD EAST
STA. 34+17.92 HUETTER RD SOUTH
STA. 40+00 HUETTER RD NORTH

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 10+00 LANCASTER RD
N 2233741.378
E 2353816.286
M.P. 103.638

END PROJECT
END CONSTRUCTION
STA. 45+63.02 HUETTER RD
N 2234302.912
E 2354268.757
M.P. 106.130

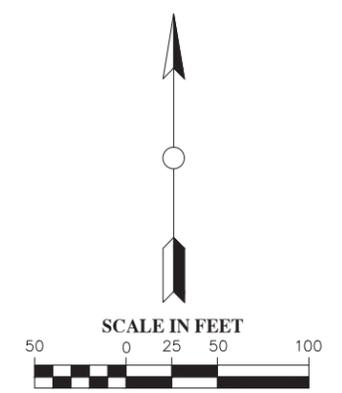
END PROJECT
END CONSTRUCTION
STA. 25+87.92 LANCASTER RD
N 2233731.830
E 2354843.062
M.P. 103.832

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 31+00 HUETTER RD
N 2233423.305
E 2354249.262
M.P. 105.963

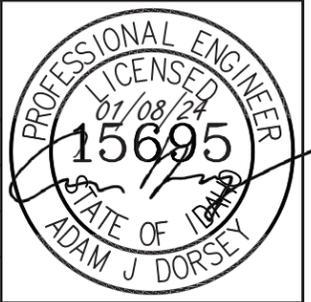
KYLE J MEYER
PARCEL 110334
4906 W. LANCASTER RD

SEC 8, T.51N., R.4W., B.M.

SEC 9, T.51N., R.4W., B.M.



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_PLPR_001.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

IDAHO
TRANSPORTATION
DEPARTMENT



WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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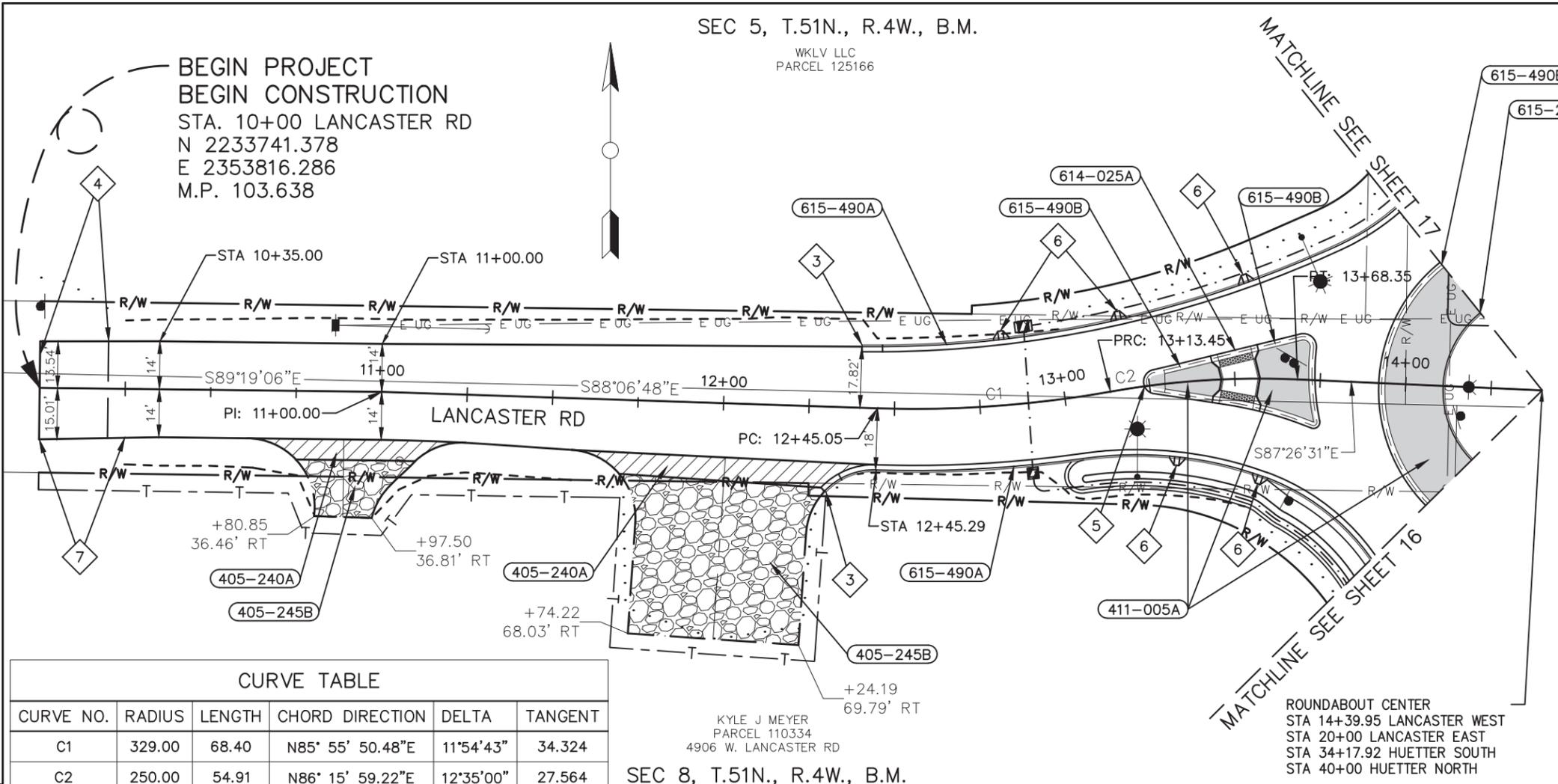
PROJECT OVERVIEW	SMA-7218 LANCASTER & HUETTER ROUNDAABOUT, LAKES HD
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English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 12 OF 52

SEC 5, T.51N., R.4W., B.M.

WKLV LLC
PARCEL 125166

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 10+00 LANCASTER RD
N 2233741.378
E 2353816.286
M.P. 103.638



CURVE TABLE

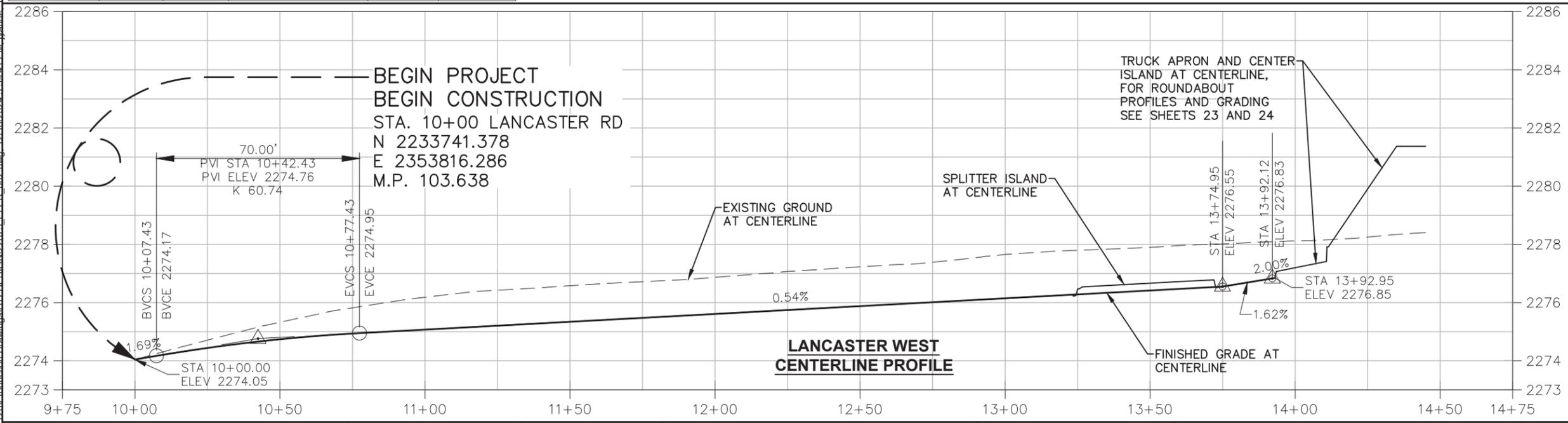
CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C1	329.00	68.40	N85° 55' 50.48"E	11°54'43"	34.324
C2	250.00	54.91	N86° 15' 59.22"E	12°35'00"	27.564

KYLE J MEYER
PARCEL 110334
4906 W. LANCASTER RD
SEC 8, T.51N., R.4W., B.M.

NOTES:

- 1 RETAIN AND PROTECT EXISTING SURVEY MONUMENTS. REFERENCE AND REPLACE ANY MONUMENTS DISTURBED OR DESTROYED.
- 2 CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO GRADE. WORK CONSIDERED INCIDENTAL TO OTHER ITEMS.
- 3 CURB TERMINUS, SEE ROADWAY DETAILS.
- 4 SAWCUT, MILL AND MATCH EXISTING ASPHALT. INCIDENTAL TO PAY ITEM 405-435A. SEE ROADWAY DETAILS.
- 5 SPLITTER ISLAND NOSING CURB STA. 13+23.5
- 6 CURB DROPS ARE INCIDENTAL TO CURB. SEE ROADWAY DETAILS.
STA. 12+82.73 LT
STA. 13+18.86 LT
STA. 13+30.29 RT
STA. 13+53.06 LT
- 7 TRANSITION ROAD CROSS SLOPE TO MATCH EXISTING.

- 405-240A MISC PAV
SEE ROADWAY DETAILS AND TYPICAL SECTIONS
29 SY, STA. 10+60.81 TO 11+25.06 RT
52 SY, STA. 11+56.06 TO 12+45.29 RT
- 405-245B APPROACH - GRAVEL
SEE TYPICAL SECTIONS
1 EACH, STA. 10+75 TO 11+10 RT
35' WIDE DRIVE
1 EACH, STA. 11+70 TO 12+30 RT
60' WIDE DRIVE
- 411-005A URBAN CONCRETE PAV
SEE TYP SECTS AND ROADWAY DETAILS
- TRUCK APRON
118.6 SY, STA. 13+93.95 TO 14+20.84
- SPLITTER ISLANDS
14.9 SY, STA. 12+25.25 TO 13+46.11
33.6 SY, STA. 13+56.37 TO 13+74.12
- 614-025A CURB RAMP
SEE ROADWAY DETAILS
22.4 SY, STA. 13+50, 10' WIDE
- 615-255A CURB
SEE STANDARD STRAIGHT CURB IN ROADWAY DETAILS
49 FT,
CENTER ROUNDABOUT ISLAND
STA. 14+20.22, 21.25' RT TO
STA. 14+20.84, 21.81' LT
- 615-490A CURB & GUTTER
SEE ROADWAY DETAILS
339 FT,
STA. 12+30.41, 24.66' RT TO
STA. 13+92.28, 51.34' RT
STA. 12+39.89, 17.82' LT TO
STA. 13+95.02, 51.26' LT
- 615-490B CURB & GUTTER ROLLED
SEE ROADWAY DETAILS
186 FT
CENTER ROUNDABOUT TRUCK APRON
STA. 14+07.40, 35.05' RT TO
STA. 14+08.42, 35.97' LT
SPLITTER ISLAND
STA. 13+23.53 TO 13+43.28
STA. 13+56.52 TO 13+73.43



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_PLPR_002.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO. A022(875)

LANCASTER WEST CL PLAN AND PROFILE

SMA-7218

LANCASTER & HUETTER
ROUNDABOUT, LAKES HD

English

COUNTY KOOTENAI

KEY NUMBER 22875

SHEET 13 OF 52

PROFESSIONAL ENGINEER
LICENSED
01/08/24
15695
STATE OF IDAHO
ADAM J DORSEY

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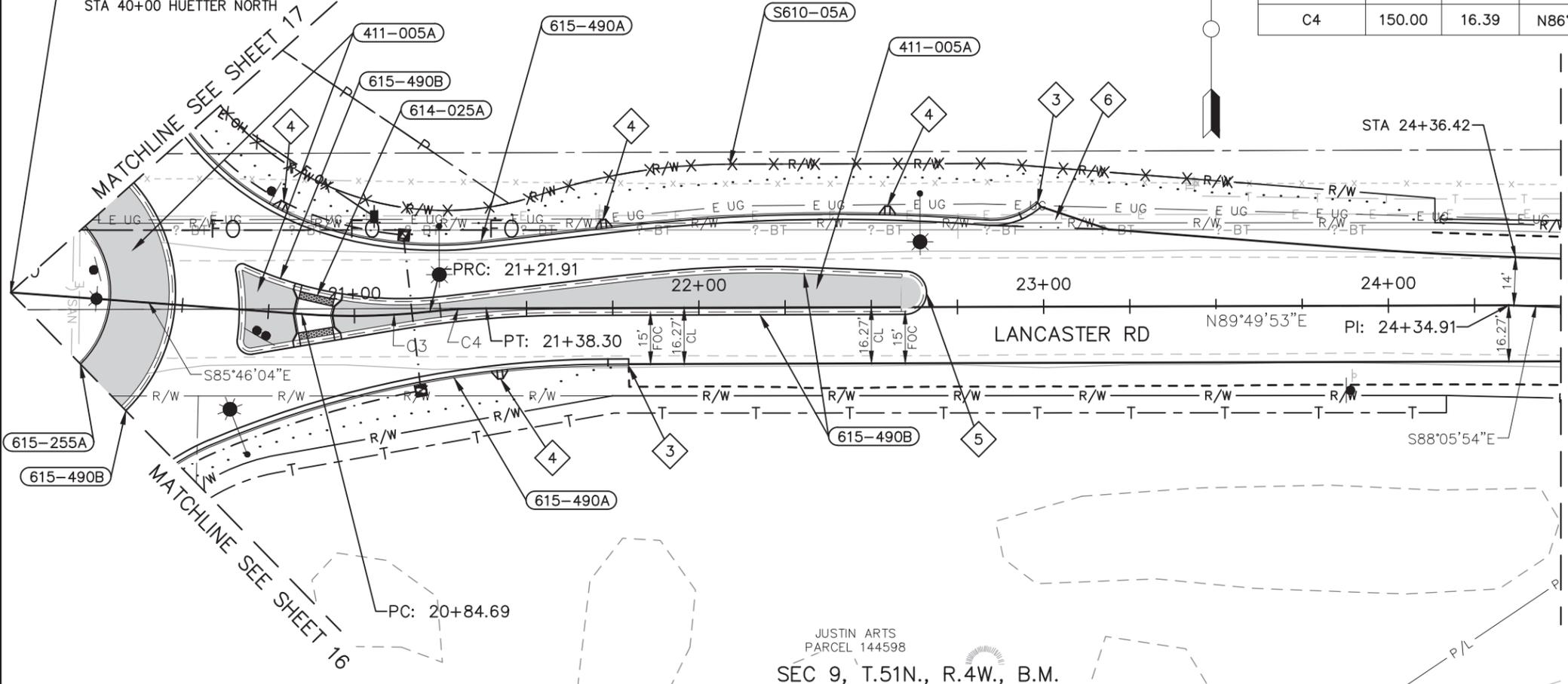
SEC 4, T.51N., R.4W., B.M.

HARSB
PARCEL 138248

CURVE TABLE

CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C3	200.00	37.22	N88° 54' 03.44"E	10°39'46"	18.664
C4	150.00	16.39	N86° 42' 02.02"E	6°15'43"	8.205

ROUNDAABOUT CENTER
STA 20+00 LANCASTER EAST
STA 14+39.95 LANCASTER WEST
STA 34+17.92 HUETTER SOUTH
STA 40+00 HUETTER NORTH



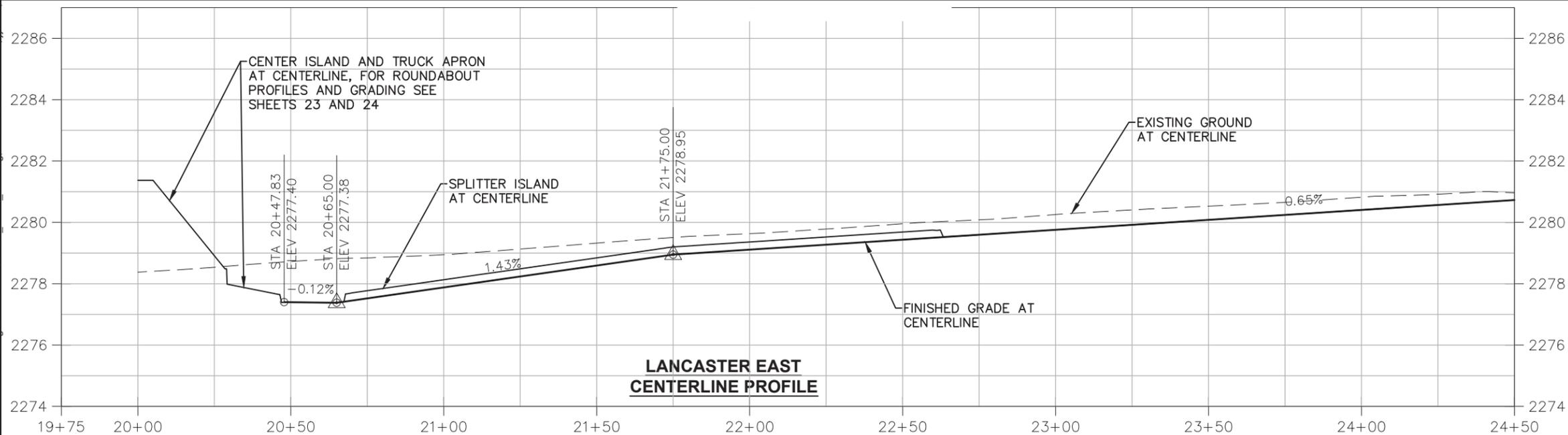
NOTES:

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- 2 CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO GRADE. WORK CONSIDERED INCIDENTAL TO OTHER ITEMS.
- 3 CURB TERMINUS, SEE ROADWAY DETAILS.
- 4 CURB DROPS ARE INCIDENTAL TO CURB. SEE ROADWAY DETAILS.
STA. 20+77.12 LT
STA. 20+42.40 RT
STA. 21+72.28 LT
STA. 22+54.80 LT
- 5 SPLITTER ISLAND NOSING CURB
STA. 22+66.
- 6 CURB WING AND TAPER, SEE ROADWAY DETAILS.

- 411-005A URBAN CONCRETE PAV
SEE TYP SECTS AND ROADWAY DETAILS
- TRUCK APRON
107.9 SY, STA. 20+20.19 TO 20+46.00
- SPLITTER ISLANDS
30.0 SY, STA. 20+64.75 TO 20+83.71
143.2 SY, STA. 20+93.57 TO 22+64.22
- 614-025A CURB RAMP
SEE ROADWAY DETAILS
21.4 SY, STA. 20+88, 10' WIDE
- 615-255A CURB
SEE STANDARD STRAIGHT CURB IN ROADWAY DETAILS
44 FT,
CENTER ROUNDAABOUT ISLAND
STA. 20+20.19, 20.81' LT TO
STA. 20+21.75, 19.18' RT
- 615-490A CURB & GUTTER
SEE ROADWAY DETAILS
397 FT,
STA. 20+47.13, 48.57' LT TO
22+99.36, 28.90' LT
STA. 20+50.58, 44.62' RT TO
STA. 21+79.57, 14.77' RT
- 615-490B CURB & GUTTER ROLLED
SEE ROADWAY DETAILS
479 FT
CENTER ROUNDAABOUT TRUCK APRON
STA. 20+33.31, 34.33' LT TO
STA. 20+35.87, 31.64' RT
- SPLITTER ISLAND
STA. 20+64.75 TO 20+83.16
STA. 20+96.05 TO 22+66.05
- S610-05A REM & RESET FENCE
309 FT, STA. 20+56.71, 58.44' LT TO
STA. 23+60, 35.49' LT

SEC 9, T.51N., R.4W., B.M.

JUSTIN ARTS
PARCEL 144598

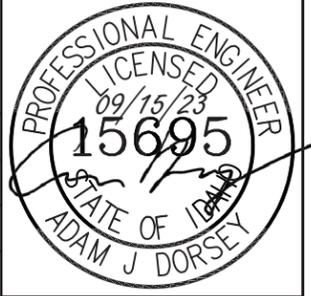


LANCASTER EAST
CENTERLINE PROFILE



KEY MAP

ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_PLPR_003.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

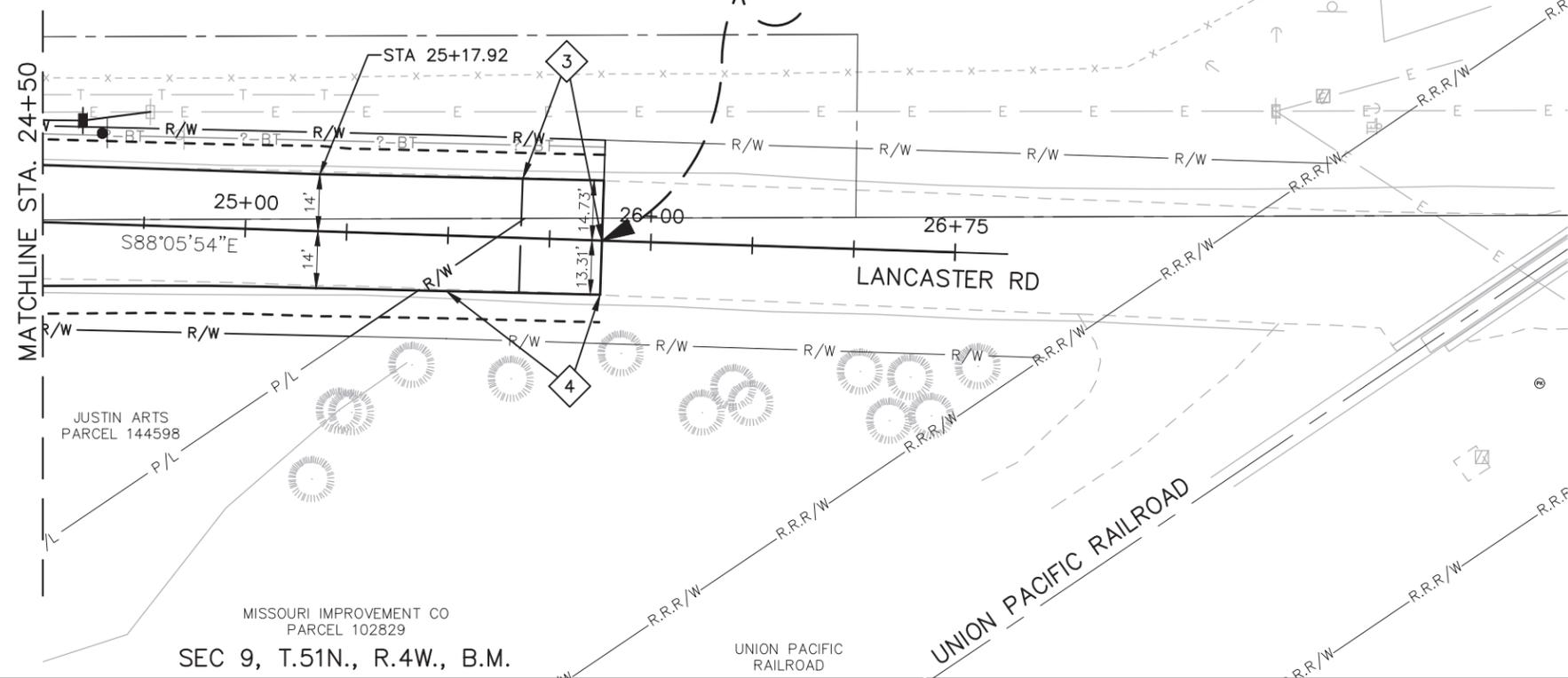
LANCASTER EAST CL PLAN AND PROFILE
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English
COUNTY
KOOTENAI
KEY NUMBER
22875
SHEET 14 OF 52

SEC 4, T.51N., R.4W., B.M.

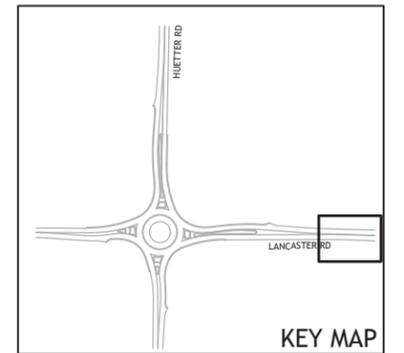
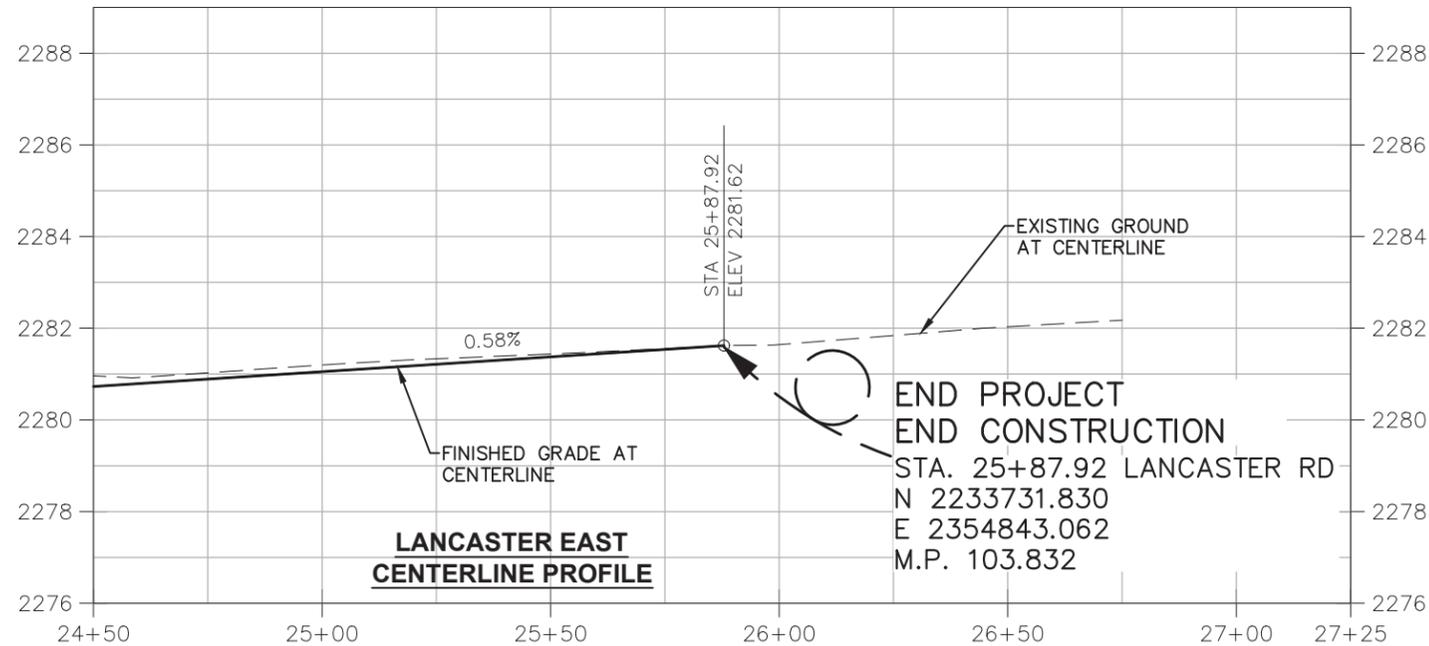
HARSB
PARCEL 138248

END PROJECT
END CONSTRUCTION
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N 2233731.830
E 2354843.062
M.P. 103.832

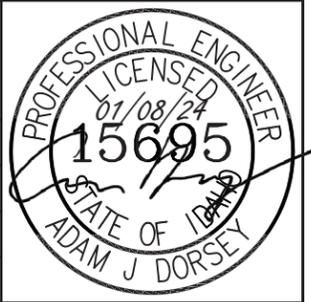


NOTES:

- 1 RETAIN AND PROTECT EXISTING SURVEY MONUMENTS. REFERENCE AND REPLACE ANY MONUMENTS DISTURBED OR DESTROYED.
- 2 CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO GRADE. WORK CONSIDERED INCIDENTAL TO OTHER ITEMS.
- 3 SAWCUT, MILL AND MATCH EXISTING ASPHALT. INCIDENTAL TO PAY ITEM 405-435A. SEE ROADWAY DETAILS.
- 4 TRANSITION ROAD CROSS SLOPE TO MATCH EXISTING. STA. 25+50 TO 25+87.92 LT/RT



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_PLPR_003.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

**IDAHO
TRANSPORTATION
DEPARTMENT**

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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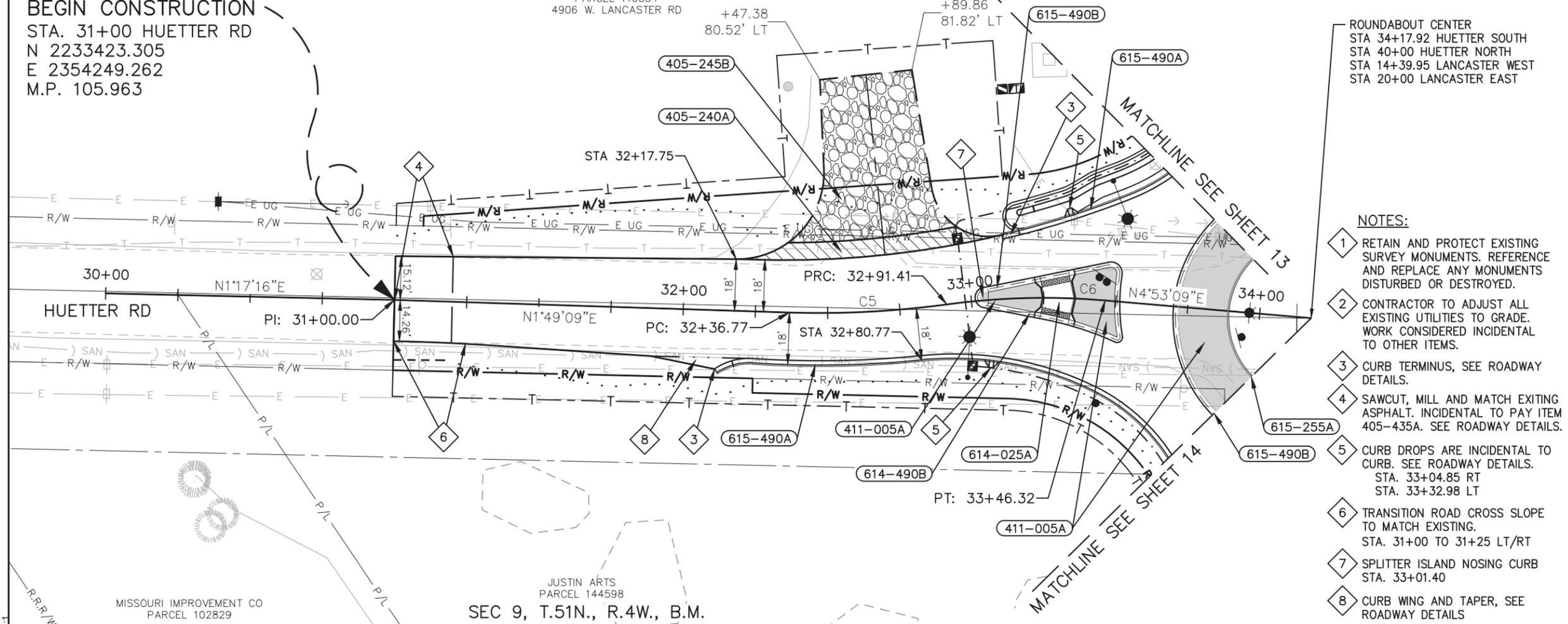
LANCASTER EAST CL PLAN AND PROFILE
SMA-7218
LANCASTER & HUETTER ROUNDAABOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 15 OF 52

BEGIN PROJECT
 BEGIN CONSTRUCTION
 STA. 31+00 HUETTER RD
 N 2233423.305
 E 2354249.262
 M.P. 105.963

SEC 8, T.51N., R.4W., B.M.

KYLE J MEYER
 PARCEL 110334
 4906 W. LANCASTER RD

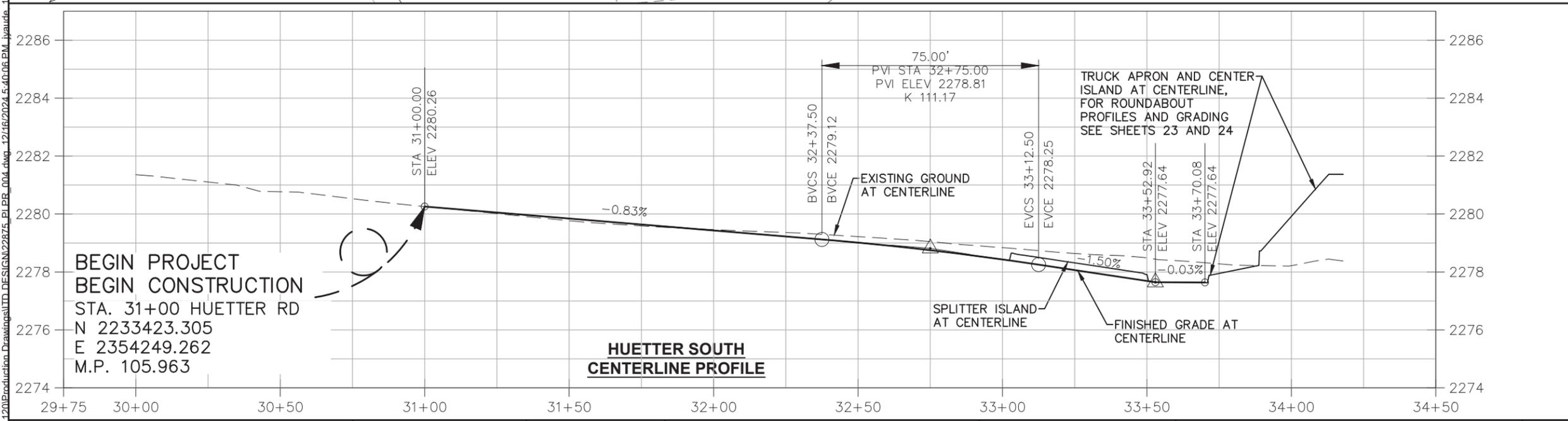


ROUNDABOUT CENTER
 STA 34+17.92 HUETTER SOUTH
 STA 40+00 HUETTER NORTH
 STA 14+39.95 LANCASTER WEST
 STA 20+00 LANCASTER EAST

NOTES:

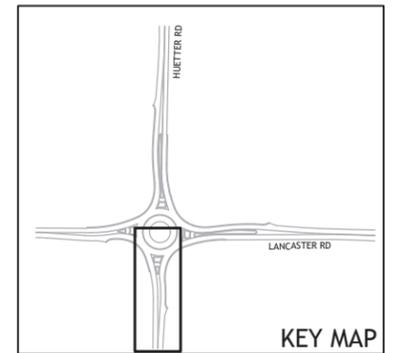
- 1 RETAIN AND PROTECT EXISTING SURVEY MONUMENTS. REFERENCE AND REPLACE ANY MONUMENTS DISTURBED OR DESTROYED.
- 2 CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO GRADE. WORK CONSIDERED INCIDENTAL TO OTHER ITEMS.
- 3 CURB TERMINUS, SEE ROADWAY DETAILS.
- 4 SAWCUT, MILL AND MATCH EXISTING ASPHALT. INCIDENTAL TO PAY ITEM 405-435A. SEE ROADWAY DETAILS.
- 5 CURB DROPS ARE INCIDENTAL TO CURB. SEE ROADWAY DETAILS.
 STA. 33+04.85 RT
 STA. 33+32.98 LT
- 6 TRANSITION ROAD CROSS SLOPE TO MATCH EXISTING.
 STA. 31+00 TO 31+25 LT/RT
- 7 SPLITTER ISLAND NOSING CURB
 STA. 33+01.40
- 8 CURB WING AND TAPER, SEE ROADWAY DETAILS

- 405-240A MISC PAV
 SEE ROADWAY DETAILS AND TYPICAL SECTIONS
 47 SY, STA. 32+17.75 TO 33+11.73 LT
- 405-245B APPROACH - GRAVEL
 SEE TYPICAL SECTIONS
 1 EACH, STA. 32+35.55 TO 32+97.69 RT
 59' WIDE DRIVE
- 411-005A URBAN CONCRETE PAV
 SEE TYP SECTS AND ROADWAY DETAILS
- TRUCK APRON
 111.0 SY, STA. 33+70.08 TO 33+98.98
- SPLITTER ISLANDS
 15.6 SY, STA. 33+01.40 TO 33+24.74
 31.8 SY, STA. 33+34.56 TO 33+51.39
- 614-025A CURB RAMP
 SEE ROADWAY DETAILS
 22.7 SY, STA. 33+30, 10' WIDE
- 615-255A CURB
 SEE STANDARD STRAIGHT CURB IN ROADWAY DETAILS
 45 FT,
 CENTER ROUNDABOUT ISLAND
 STA. 33+95.88, 18.85' LT TO
 STA. 33+98.89, 21.96' RT
- 615-490A CURB & GUTTER
 SEE ROADWAY DETAILS
 233 FT,
 STA. 32+11.47, 20.33' RT TO
 STA. 33+72.87, 52.25' RT
 STA. 33+11.73, 22.13' LT TO
 STA. 33+64.68, 45.55' LT
- 615-490B CURB & GUTTER ROLLED
 SEE ROADWAY DETAILS
 181 FT
 CENTER ROUNDABOUT TRUCK APRON
 STA. 33+82.20, 30.55' LT TO
 STA. 33+87.23, 35.60' RT
- SPLITTER ISLAND
 STA. 33+01.40 TO 33+22.20
 STA. 33+35.10 TO 33+51.39



BEGIN PROJECT
 BEGIN CONSTRUCTION
 STA. 31+00 HUETTER RD
 N 2233423.305
 E 2354249.262
 M.P. 105.963

HUETTER SOUTH
 CENTERLINE PROFILE



ORIGINAL STORED
 AT: ITD, District 1
 600 West Prairie,
 Coeur d'Alene, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_PLPR_004.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

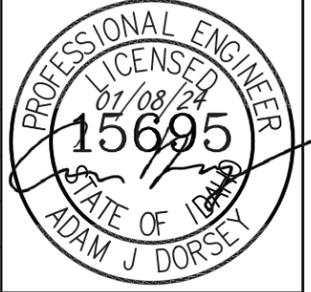
IDAHO
 TRANSPORTATION
 DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.
 A022(875)

HUETTER SOUTH CL PLAN AND PROFILE
SMA-7218
LANCASTER & HUETTER
ROUNDABOUT, LAKES HD

English
 COUNTY
 KOOTENAI
 KEY NUMBER
 22875
 SHEET 16 OF 52



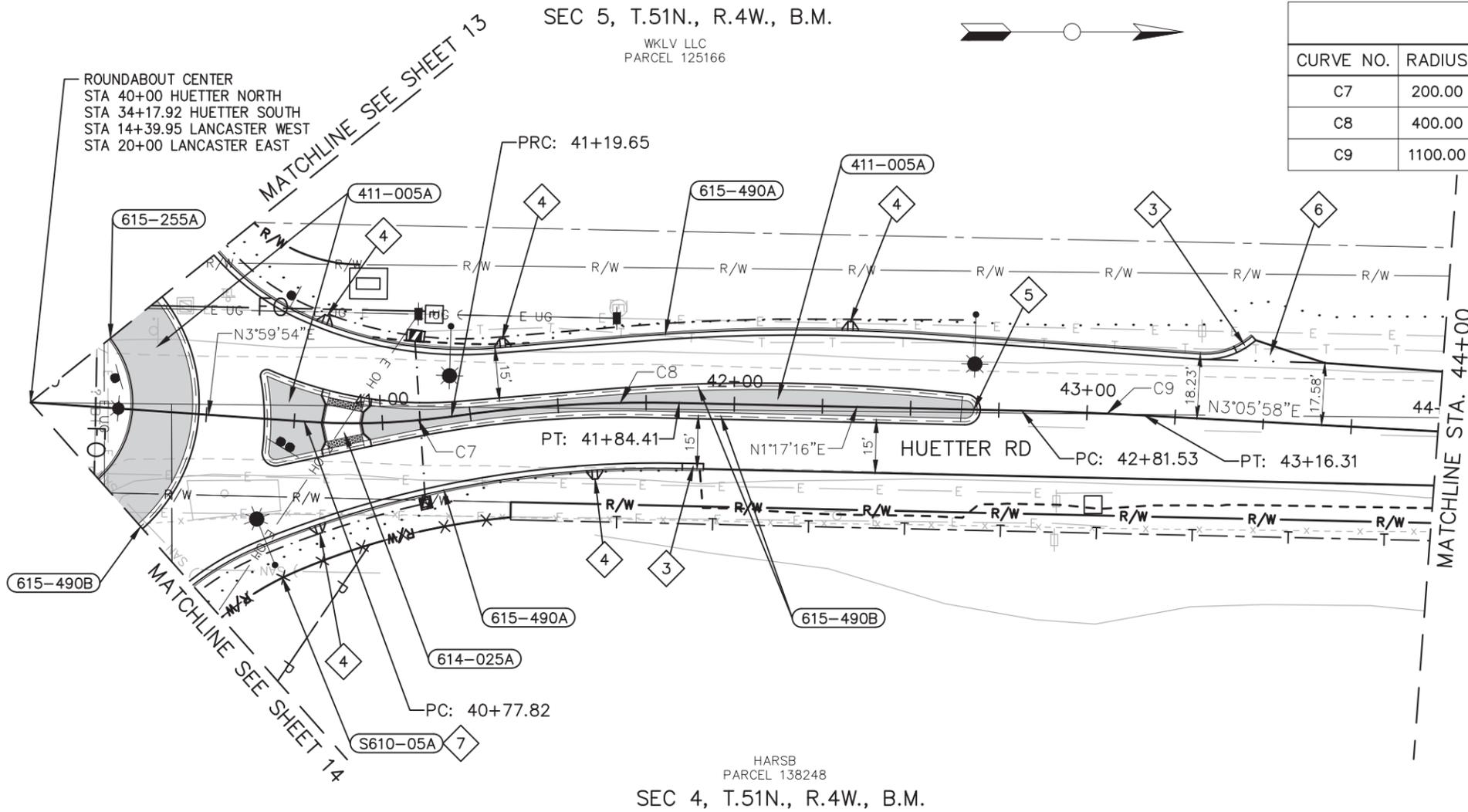
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SEC 5, T.51N., R.4W., B.M.

WKLV LLC
PARCEL 125166

CURVE TABLE

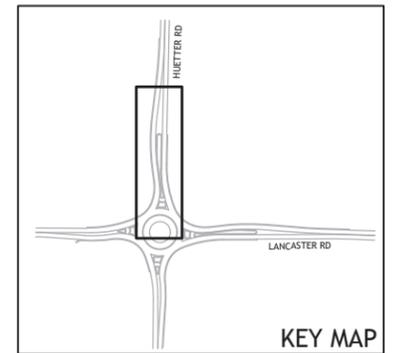
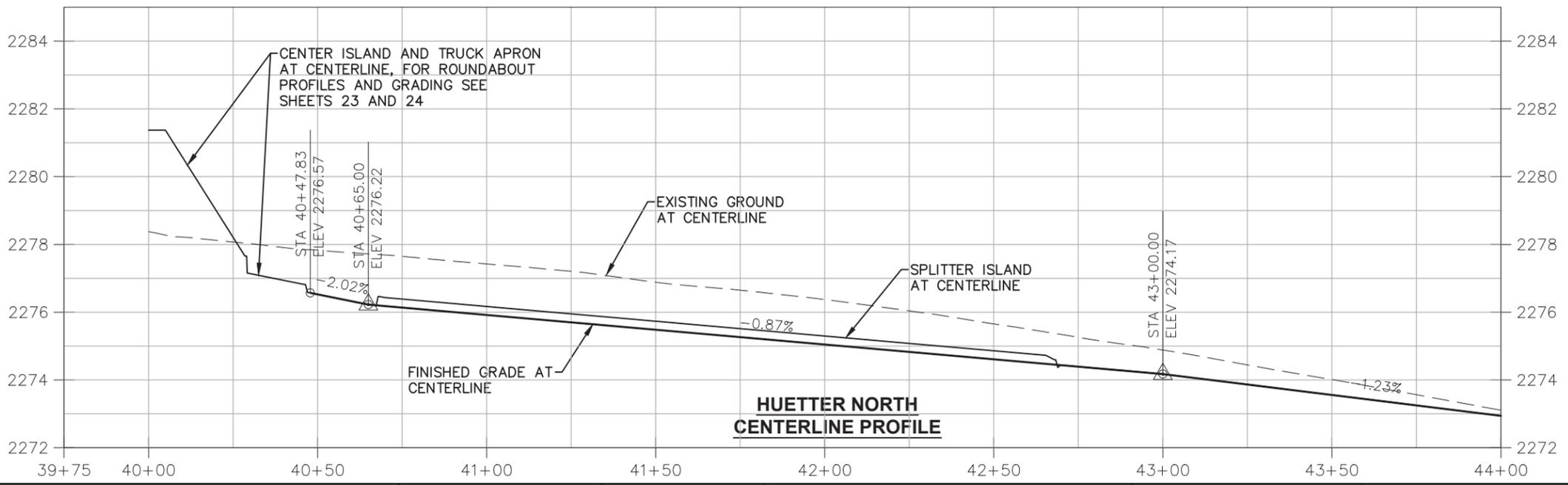
CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C7	200.00	41.84	N1° 59' 40.81"W	11°59'10"	20.997
C8	400.00	64.76	N3° 21' 00.06"W	9°16'32"	32.449
C9	1100.00	34.78	N2° 11' 36.89"E	1°48'42"	17.392



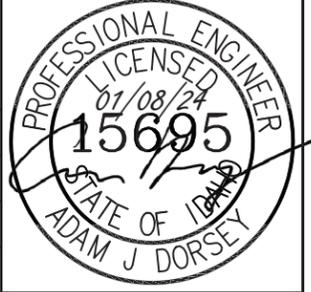
- (411-005A) URBAN CONCRETE PAV
SEE TYP SECTS AND ROADWAY DETAILS
- TRUCK APRON
107.6 SY, STA. 40+20.73 TO 40+45.92
- SPLITTER ISLANDS
32.4 SY, STA. 40+66.41 TO 40+84.08
108.1 SY, STA. 40+94 TO 42+67.92
- (614-025A) CURB RAMP
SEE ROADWAY DETAILS
21.9 SY, STA. 40+88, 10' WIDE
- (615-255A) CURB
SEE STANDARD STRAIGHT CURB
IN ROADWAY DETAILS
44 FT,
CENTER ROUNDABOUT ISLAND
STA. 40+20.73, 20.285' RT TO
STA. 40+21.32, 19.66' LT
- (615-490A) CURB & GUTTER
SEE ROADWAY DETAILS
457 FT,
STA. 40+49.45, 48.38' RT TO
STA. 41+91.66, 18.5' RT
STA. 40+50.11, 46.20' LT TO
STA. 43+45.62, 24' LT
- (615-490B) CURB & GUTTER ROLLED
SEE ROADWAY DETAILS
486 FT
CENTER ROUNDABOUT TRUCK APRON
STA. 40+33.60, 32.87' RT TO
STA. 40+34.55, 31.86' LT
SPLITTER ISLAND
STA. 40+64.63 TO 40+84.08
STA. 40+96.41 TO 42+69.75
- (S610-05A) REM & RESET FENCE
88 FT, STA. 40+58.21, 56.94' RT TO
STA. 41+33.31, 3037' RT

- NOTES:**
- 1 RETAIN AND PROTECT EXISTING SURVEY MONUMENTS. REFERENCE AND REPLACE ANY MONUMENTS DISTURBED OR DESTROYED.
 - 2 CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO GRADE. WORK CONSIDERED INCIDENTAL TO OTHER ITEMS.
 - 3 CURB TERMINUS, SEE ROADWAY DETAILS.
 - 4 CURB DROPS ARE INCIDENTAL TO CURB. SEE ROADWAY DETAILS.
STA. 40+83.07 LT
STA. 40+83.58 RT
STA. 41+36.13 LT
STA. 41+59.70 RT
STA. 42+32.41 LT
 - 5 SPLITTER ISLAND NOSING CURB
STA. 42+69.75
 - 6 CURB WING AND TAPER, SEE ROADWAY DETAILS
 - 7 IF EXISTING FENCE MATERIALS ARE DEFICIENT IN QUANTITY AND QUALITY, REPLACE IN KIND. WORK INCIDENTAL TO REM & RESET FENCE.

SEC 4, T.51N., R.4W., B.M.



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 22875_PLPR_005.DWG DRAWING DATE: 01-03-2024
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	
DRAWING CHECKED	AJD/CSH/MLC	

IDAHO TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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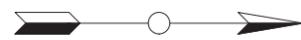
HUETTER NORTH CL PLAN AND PROFILE

SMA-7218

LANCASTER & HUETTER ROUNDABOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 17 OF 52

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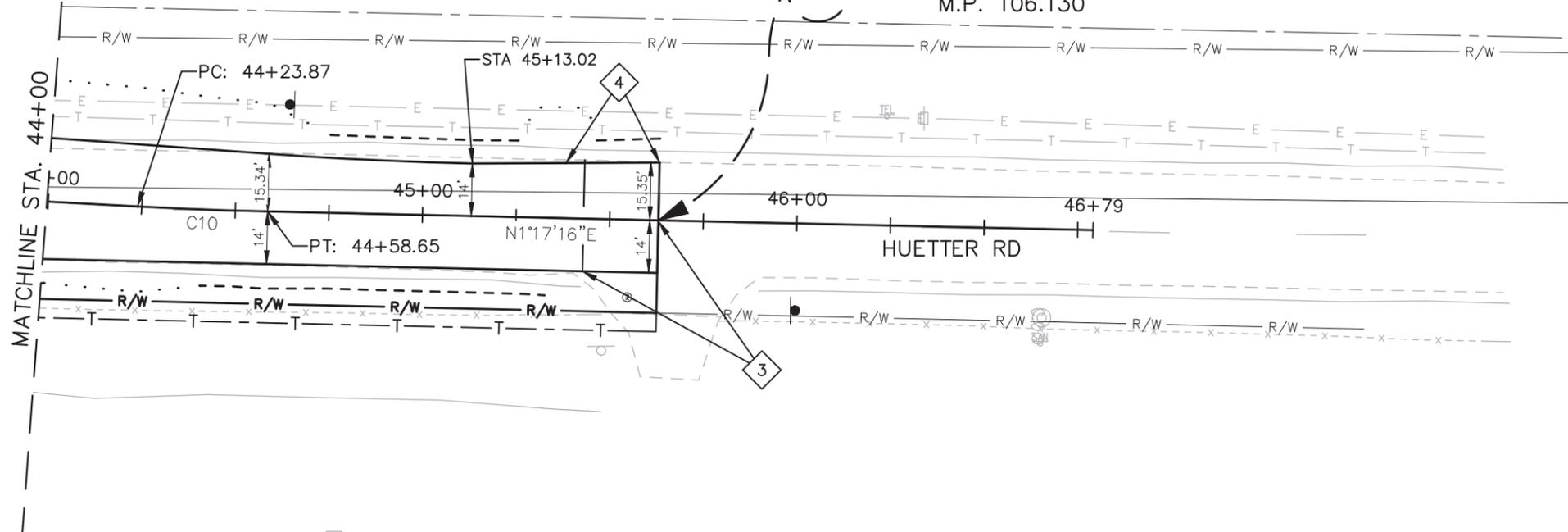


SEC 5, T.51N., R.4W., B.M.

WKLV LLC
PARCEL 125166

CURVE TABLE					
CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C10	1100.00	34.78	N2° 11' 36.89"E	1°48'42"	17.392

END PROJECT
END CONSTRUCTION
STA. 45+63.02 HUETTER RD
N 2234302.912
E 2354268.757
M.P. 106.130

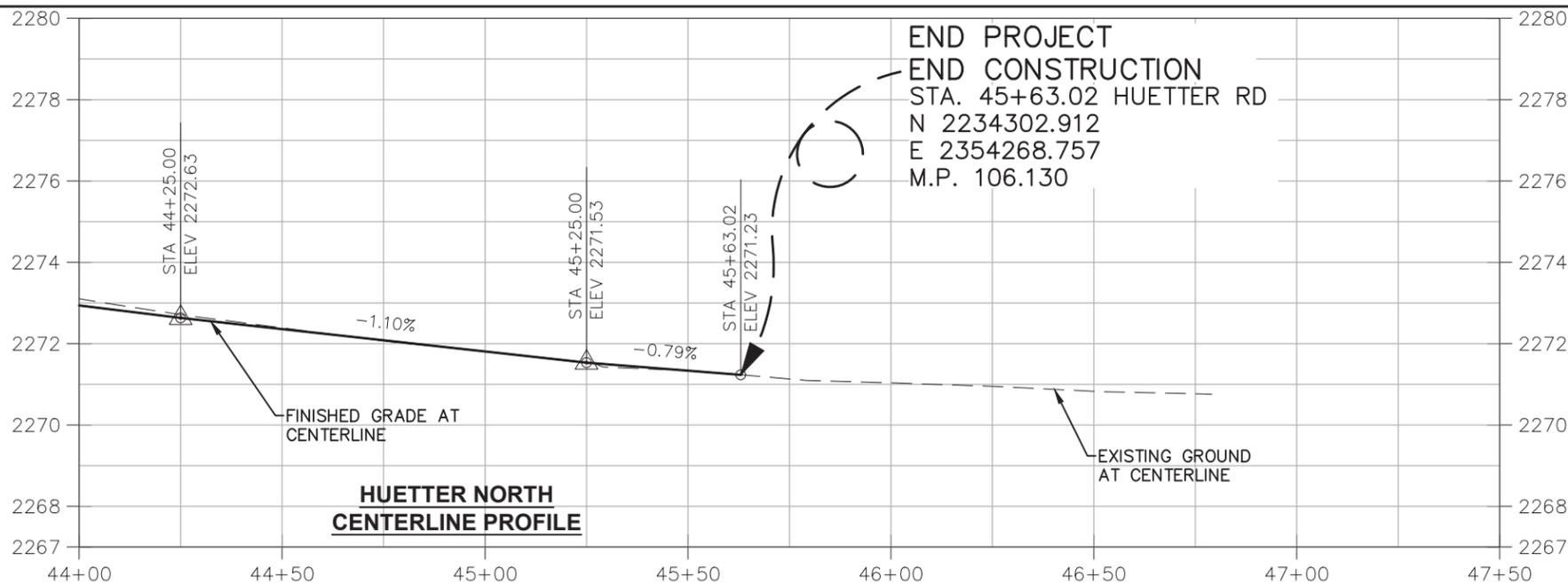


HARSB
PARCEL 138248

SEC 4, T.51N., R.4W., B.M.

NOTES:

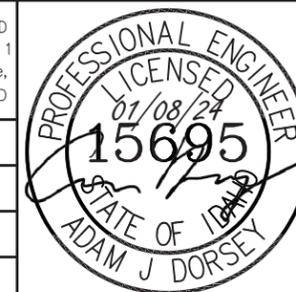
- 1 RETAIN AND PROTECT EXISTING SURVEY MONUMENTS. REFERENCE AND REPLACE ANY MONUMENTS DISTURBED OR DESTROYED.
- 2 CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO GRADE. WORK CONSIDERED INCIDENTAL TO OTHER ITEMS.
- 3 SAWCUT, MILL AND MATCH EXITING ASPHALT. INCIDENTAL TO PAY ITEM 405-435A. SEE ROADWAY DETAILS.
- 4 TRANSITION ROAD CROSS SLOPE TO MATCH EXISTING. STA. 45+38 TO 45+63 LT/RT



END PROJECT
END CONSTRUCTION
STA. 45+63.02 HUETTER RD
N 2234302.912
E 2354268.757
M.P. 106.130



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_PLPR_005.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

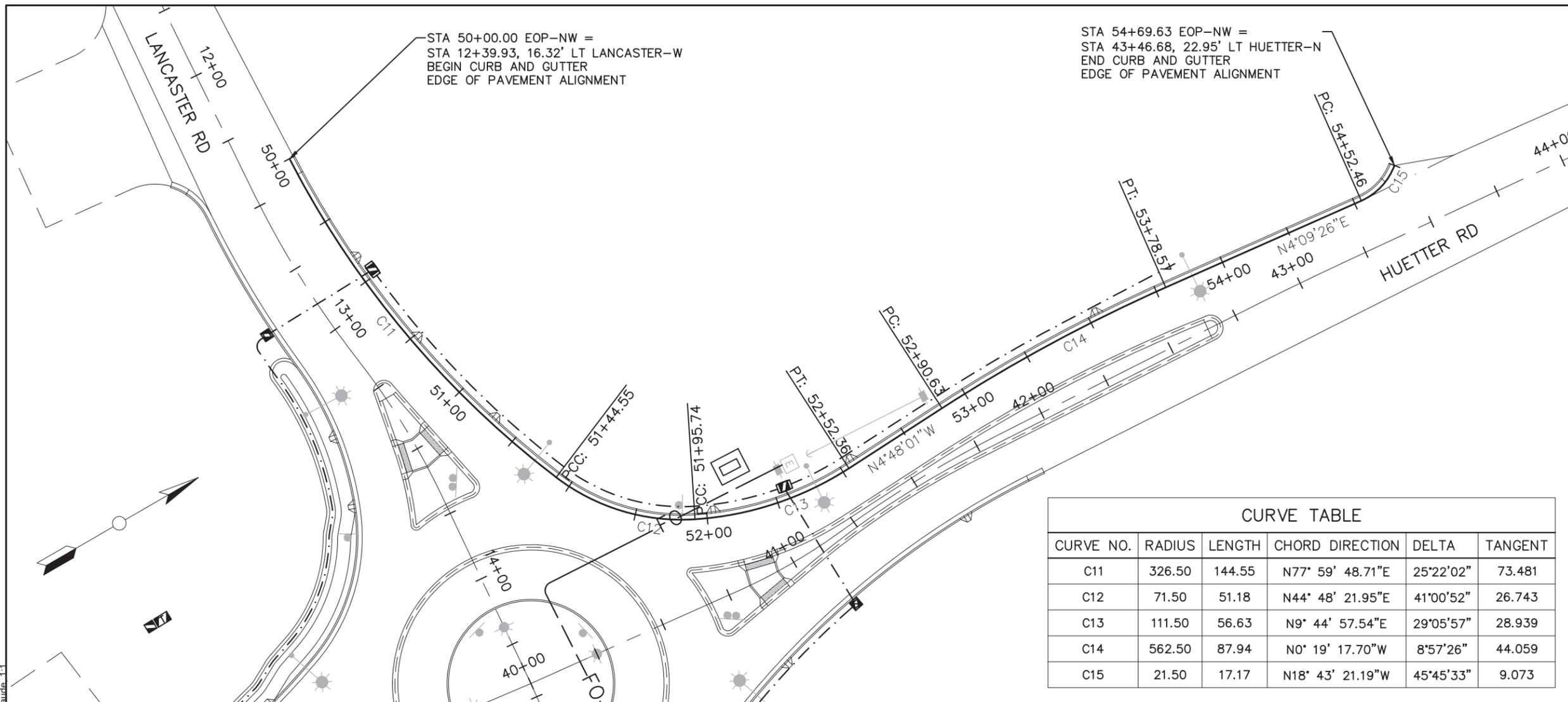
IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

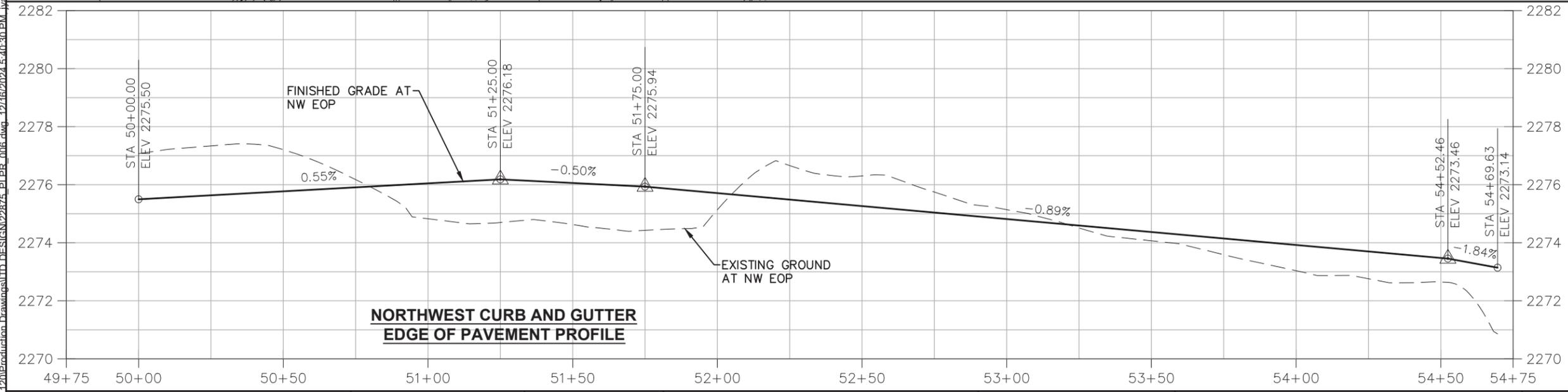
PROJECT NO.	HUETTER NORTH CL PLAN AND PROFILE
A022(875)	

SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 18 OF 52



CURVE TABLE					
CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C11	326.50	144.55	N77° 59' 48.71"E	25°22'02"	73.481
C12	71.50	51.18	N44° 48' 21.95"E	41°00'52"	26.743
C13	111.50	56.63	N9° 44' 57.54"E	29°05'57"	28.939
C14	562.50	87.94	N0° 19' 17.70"W	8°57'26"	44.059
C15	21.50	17.17	N18° 43' 21.19"W	45°45'33"	9.073



REVISIONS			
NO.	DATE	BY	DESCRIPTION

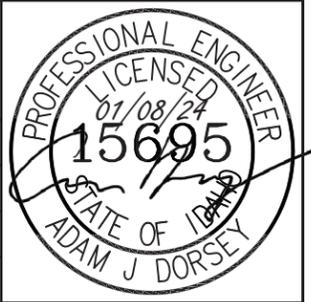
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DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	
DRAWING CHECKED	AJD/CSH/MLC	

IDAHO
TRANSPORTATION
DEPARTMENT
 WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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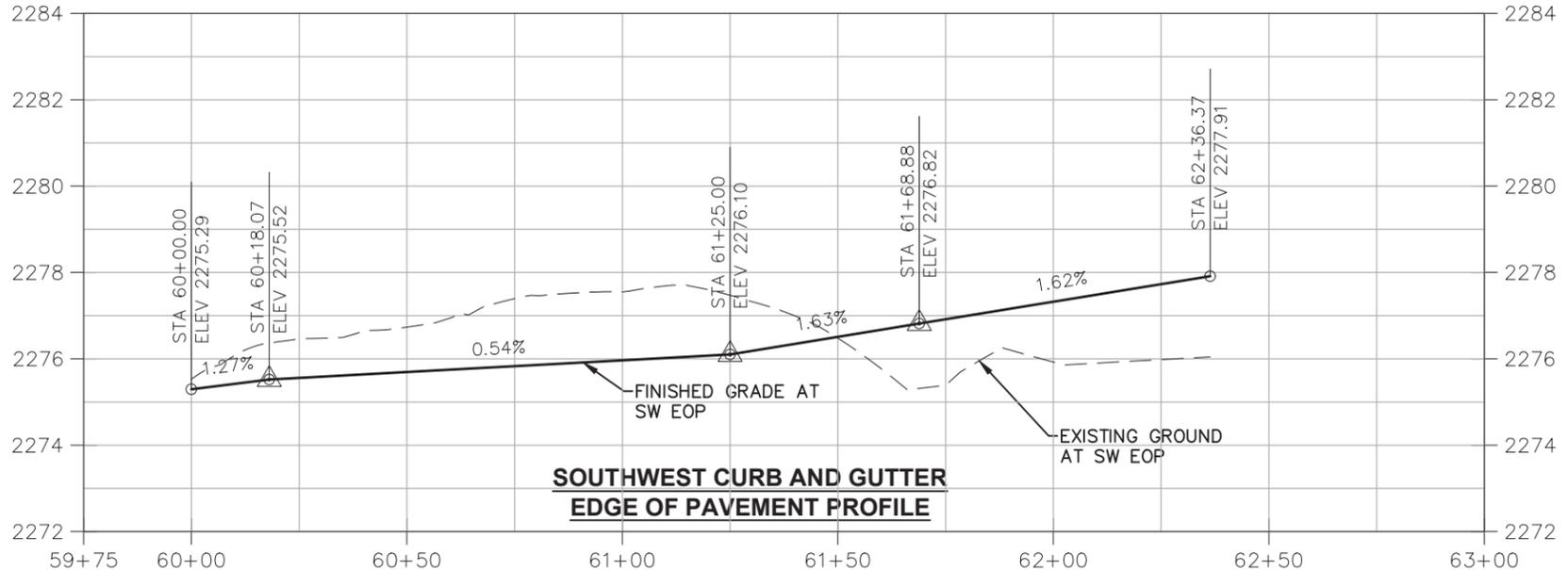
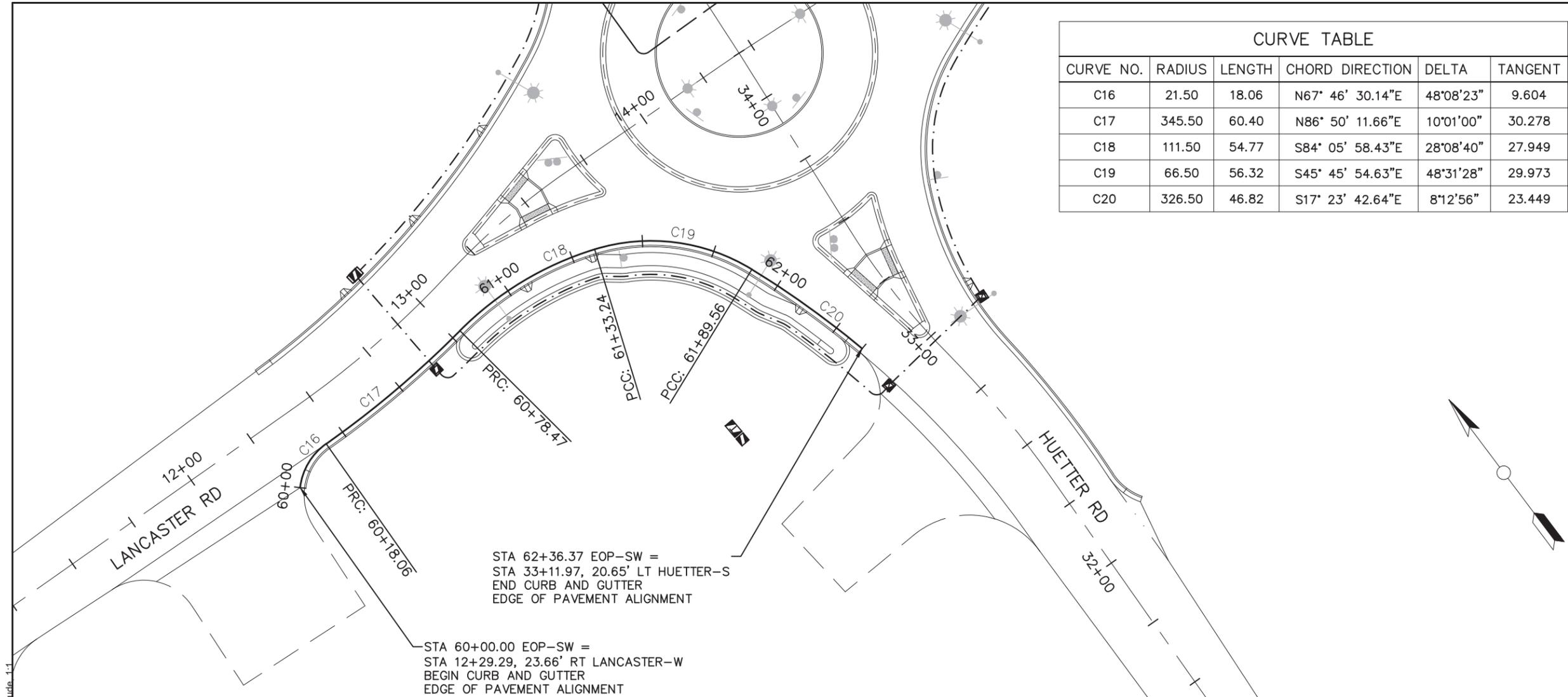
EDGE OF PAVEMENT NW PLAN AND PROFILE
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 19 OF 52

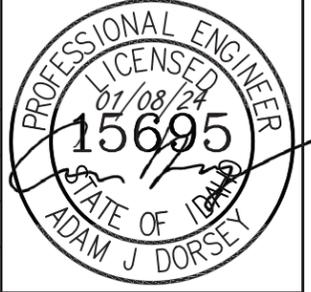


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CURVE TABLE					
CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C16	21.50	18.06	N67° 46' 30.14"E	48°08'23"	9.604
C17	345.50	60.40	N86° 50' 11.66"E	10°01'00"	30.278
C18	111.50	54.77	S84° 05' 58.43"E	28°08'40"	27.949
C19	66.50	56.32	S45° 45' 54.63"E	48°31'28"	29.973
C20	326.50	46.82	S17° 23' 42.64"E	8°12'56"	23.449



ORIGINAL STORED AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_PLPR_007.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 09-13-2023

IDAHO TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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EDGE OF PAVEMENT SW PLAN AND PROFILE

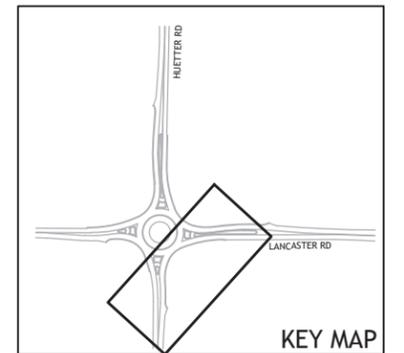
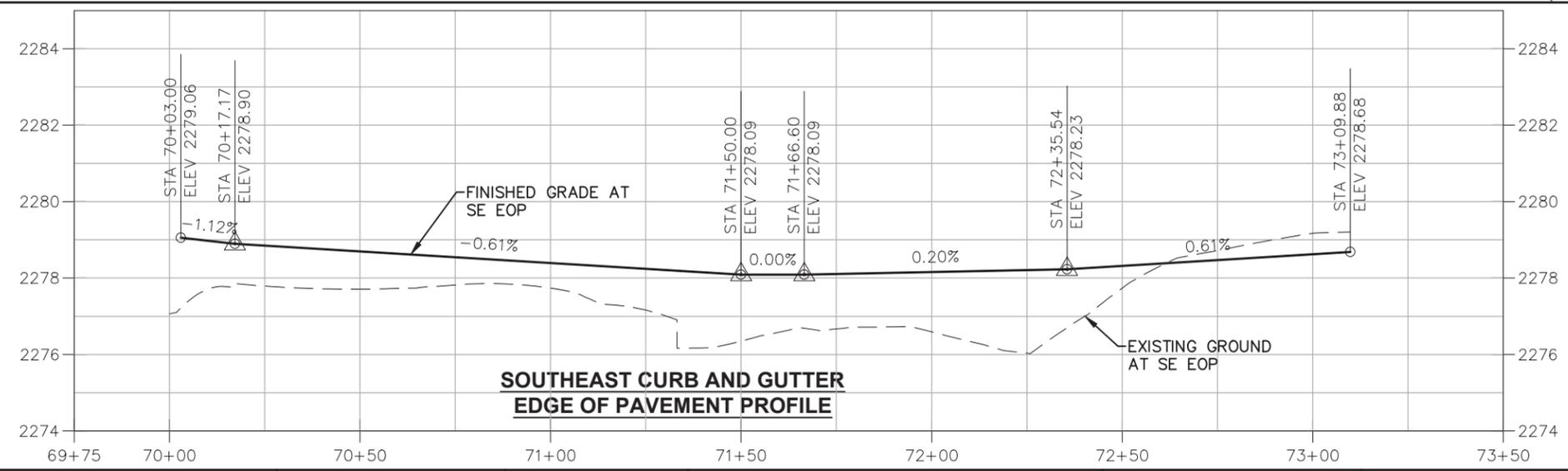
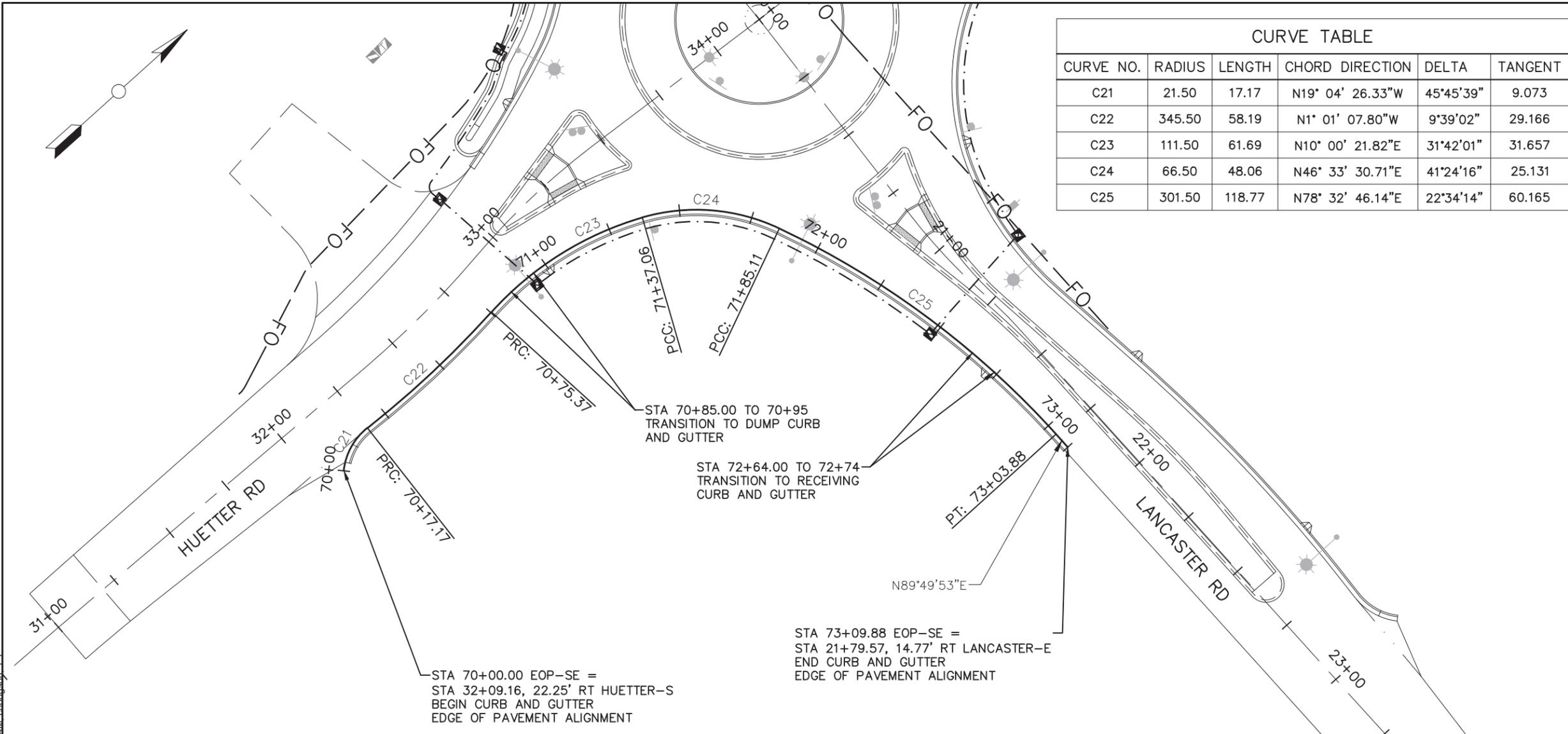
SMA-7218

LANCASTER & HUETTER ROUNDABOUT, LAKES HD

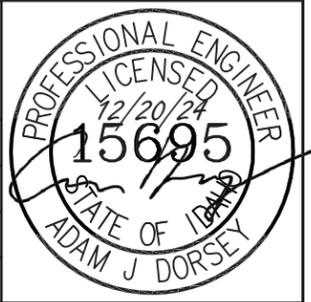
English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 20 OF 52

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CURVE TABLE					
CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C21	21.50	17.17	N19° 04' 26.33"W	45°45'39"	9.073
C22	345.50	58.19	N1° 01' 07.80"W	9°39'02"	29.166
C23	111.50	61.69	N10° 00' 21.82"E	31°42'01"	31.657
C24	66.50	48.06	N46° 33' 30.71"E	41°24'16"	25.131
C25	301.50	118.77	N78° 32' 46.14"E	22°34'14"	60.165



ORIGINAL STORED
AT: 1TD, District 1
600 West Prairie,
Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_PLPR_008.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 12-20-2024

IDAHO
TRANSPORTATION
DEPARTMENT

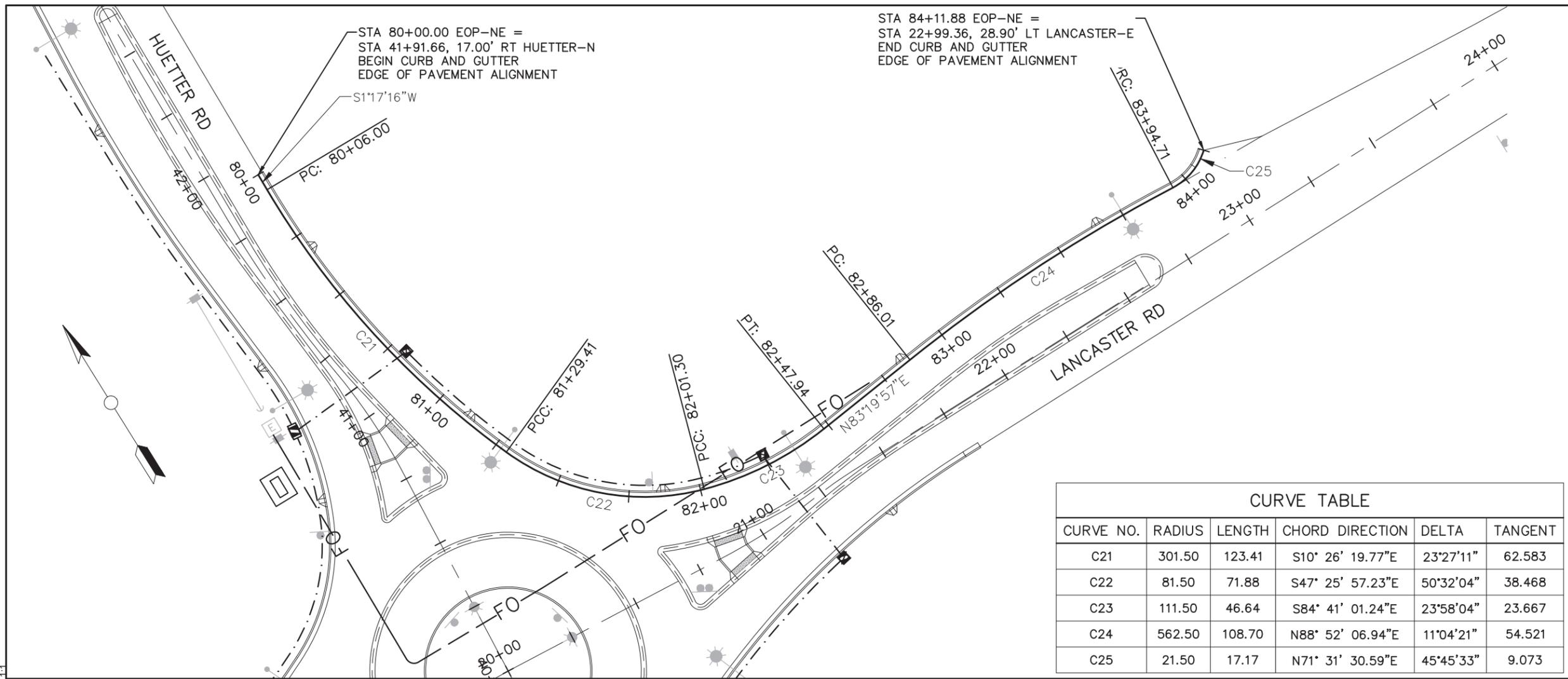
WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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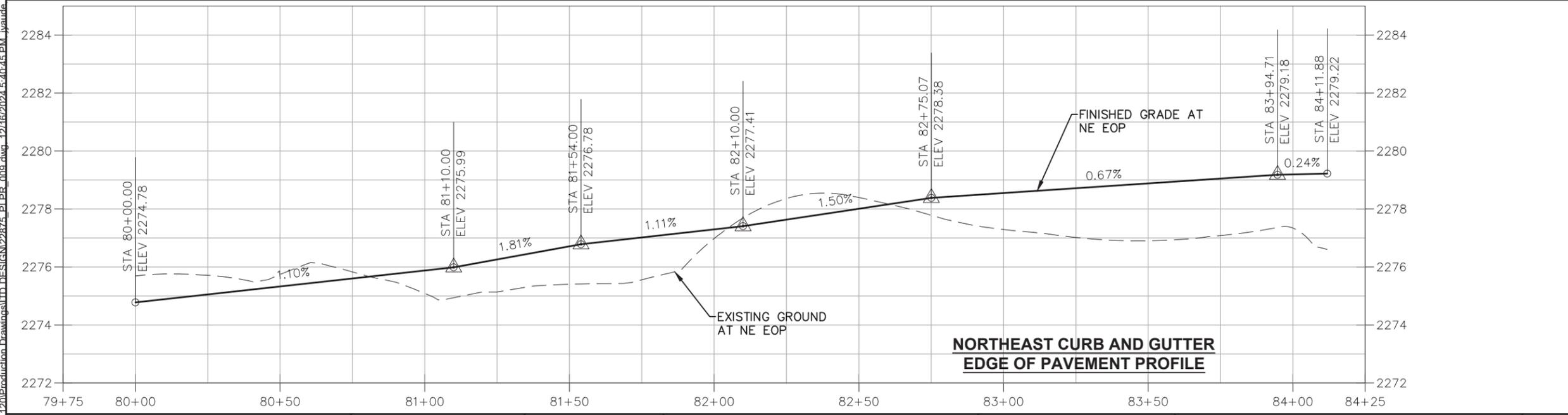
EDGE OF PAVEMENT SE PLAN AND PROFILE

SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English	
COUNTY	KOOTENAI
KEY NUMBER	22875
SHEET	21 OF 52



CURVE TABLE					
CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C21	301.50	123.41	S10° 26' 19.77"E	23°27'11"	62.583
C22	81.50	71.88	S47° 25' 57.23"E	50°32'04"	38.468
C23	111.50	46.64	S84° 41' 01.24"E	23°58'04"	23.667
C24	562.50	108.70	N88° 52' 06.94"E	11°04'21"	54.521
C25	21.50	17.17	N71° 31' 30.59"E	45°45'33"	9.073



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
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DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 09-13-2023

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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EDGE OF PAVEMENT NE PLAN AND PROFILE

SMA-7218

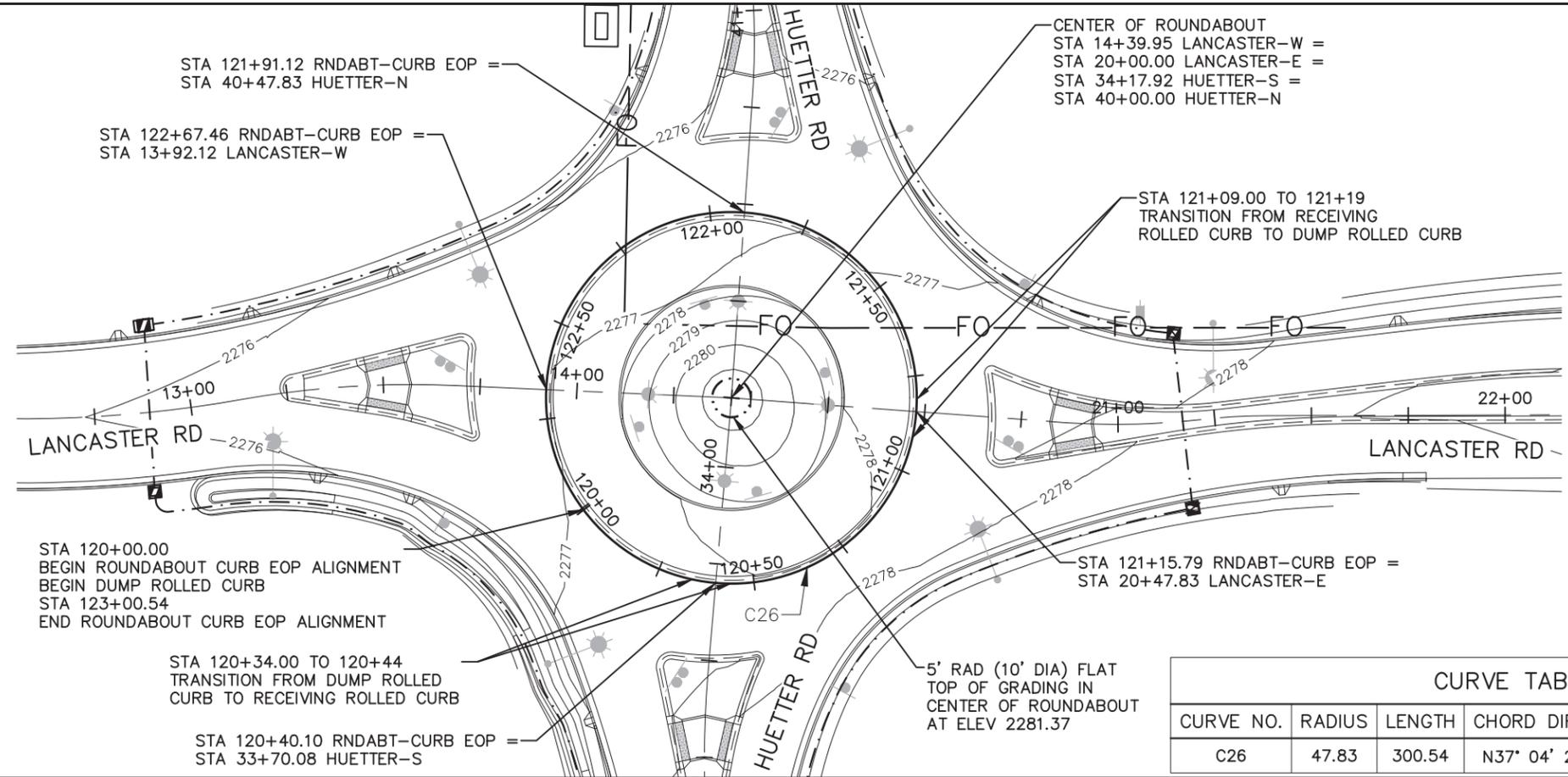
LANCASTER & HUETTER
ROUNDBOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 22 OF 52

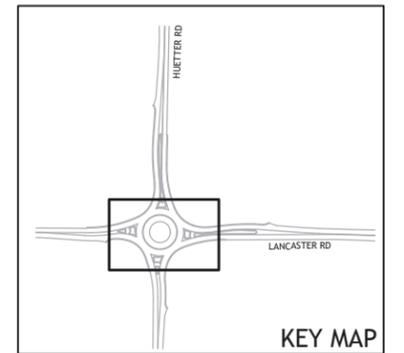
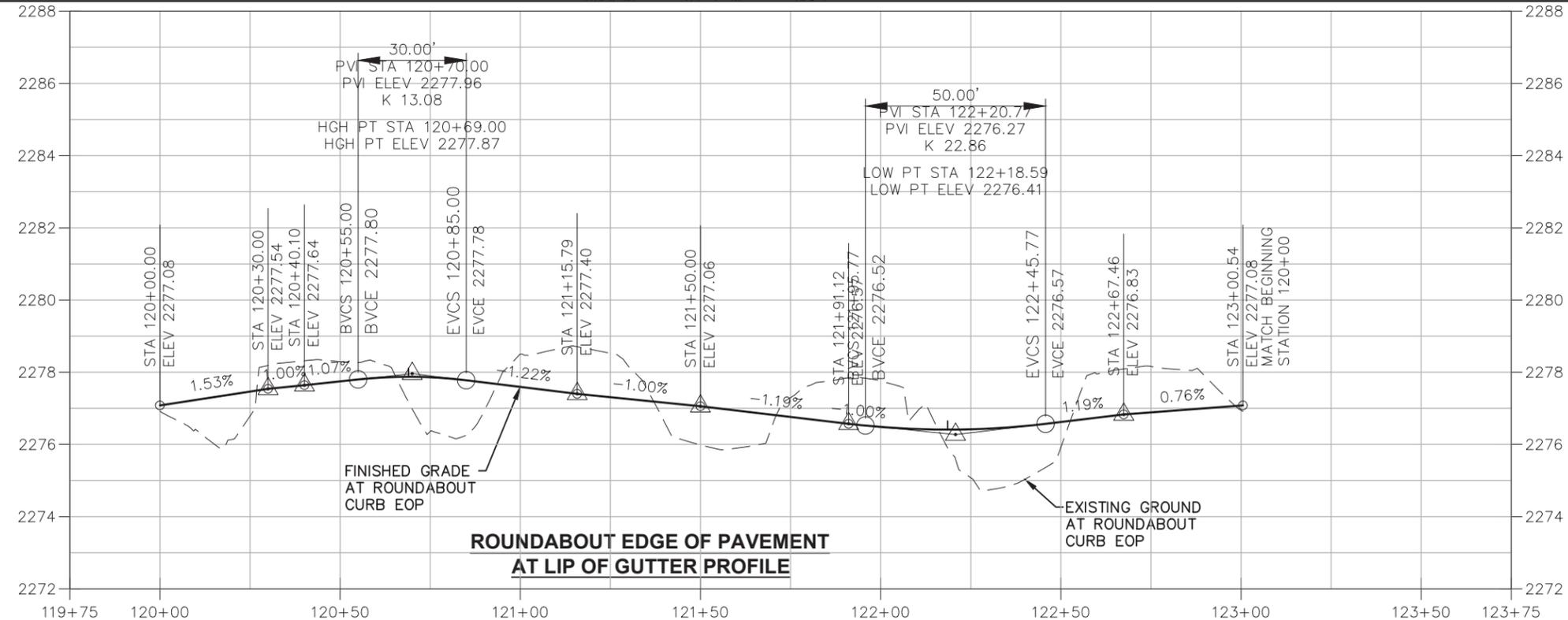
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AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

PROFESSIONAL ENGINEER
LICENSED
01/08/24
15695
STATE OF IDAHO
ADAM J. DORSEY

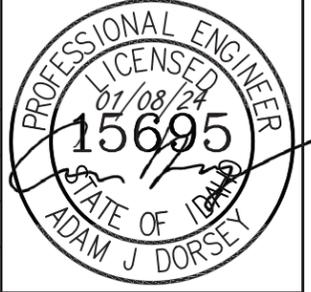
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CURVE TABLE					
CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C26	47.83	300.54	N37° 04' 28.53"W	359°59'51"	0.001



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DETAILED	SDS	CADD FILE NAME 22875_PLPR_010.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

IDAHO
TRANSPORTATION
DEPARTMENT

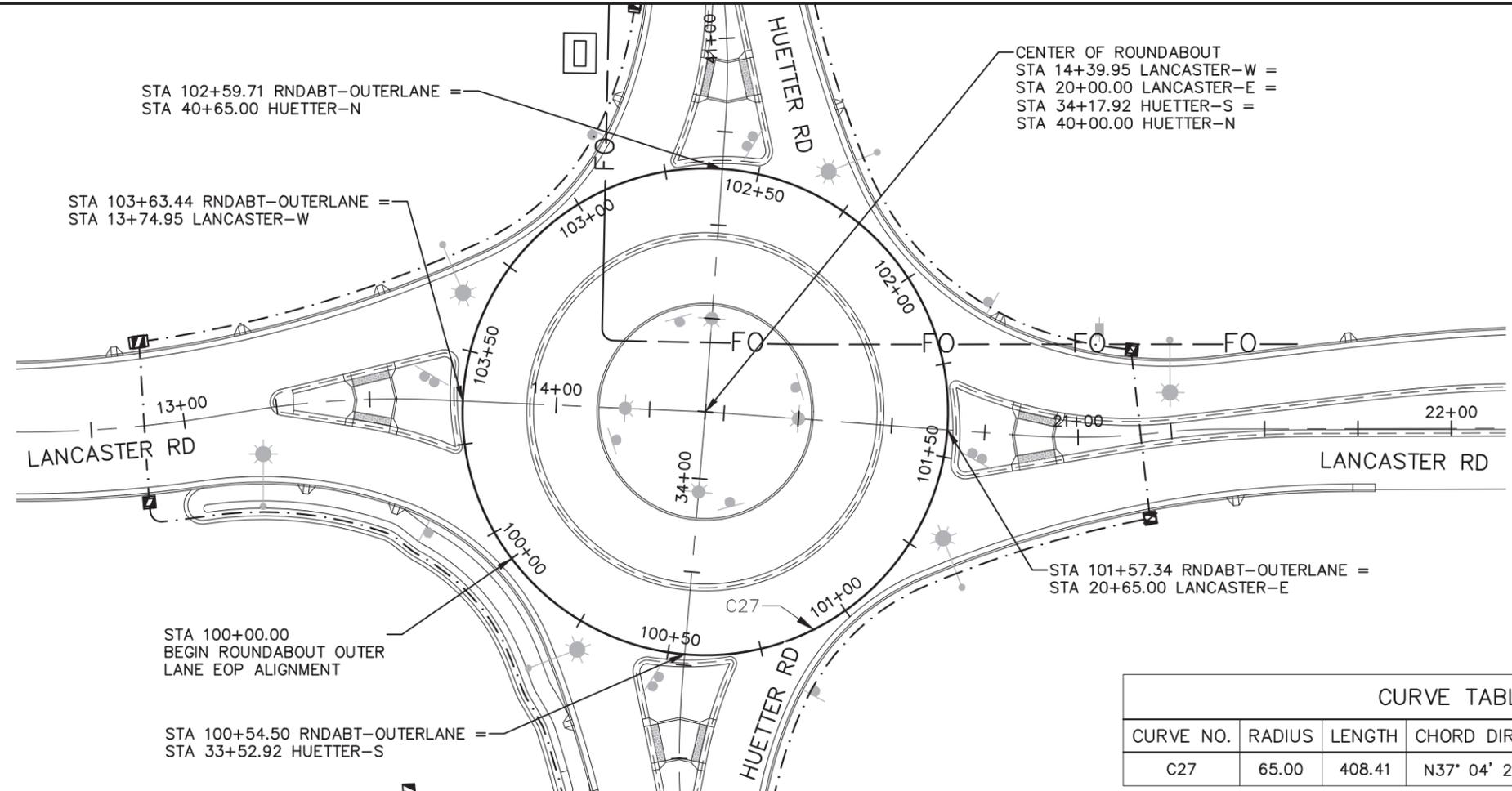
WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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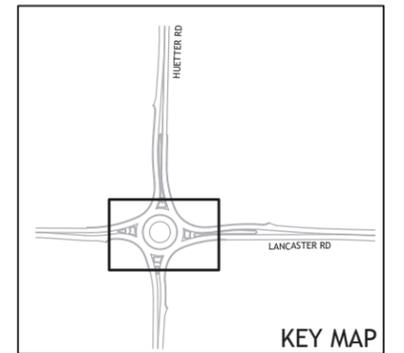
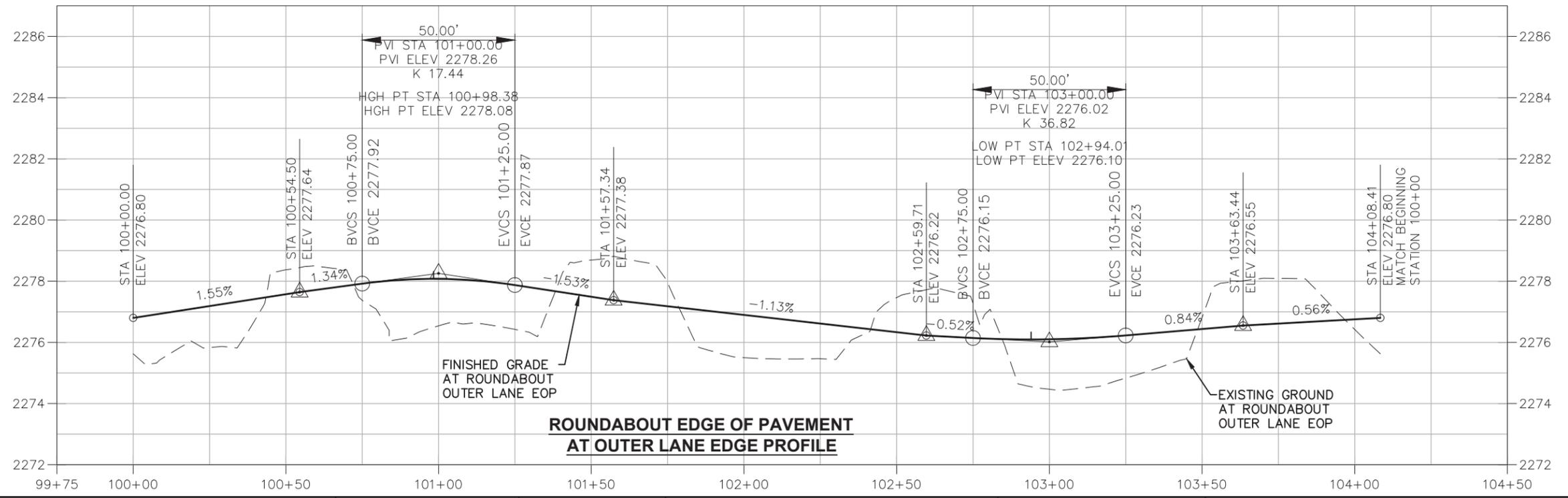
ROUNDABOUT CURB EDGE OF PAVEMENT PLAN AND PROFILE

SMA-7218
LANCASTER & HUETTER
ROUNDABOUT, LAKES HD

<i>English</i>	
COUNTY	KOOTENAI
KEY NUMBER	22875
SHEET	23 OF 52



CURVE TABLE					
CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C27	65.00	408.41	N37° 04' 29.65"W	359°59'54"	0.001



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

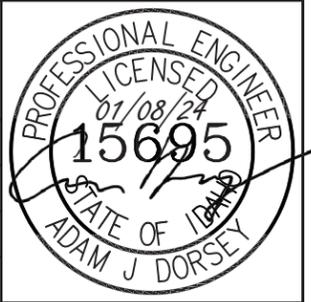
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DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	
DRAWING CHECKED	AJD/CSH/MLC	

IDAHO
TRANSPORTATION
DEPARTMENT
 WELCH COMER ENGINEERS

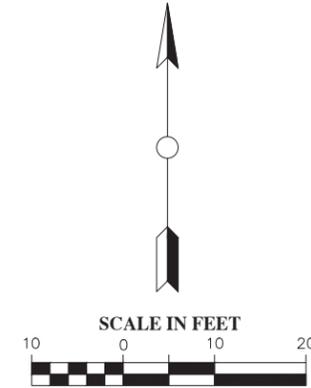
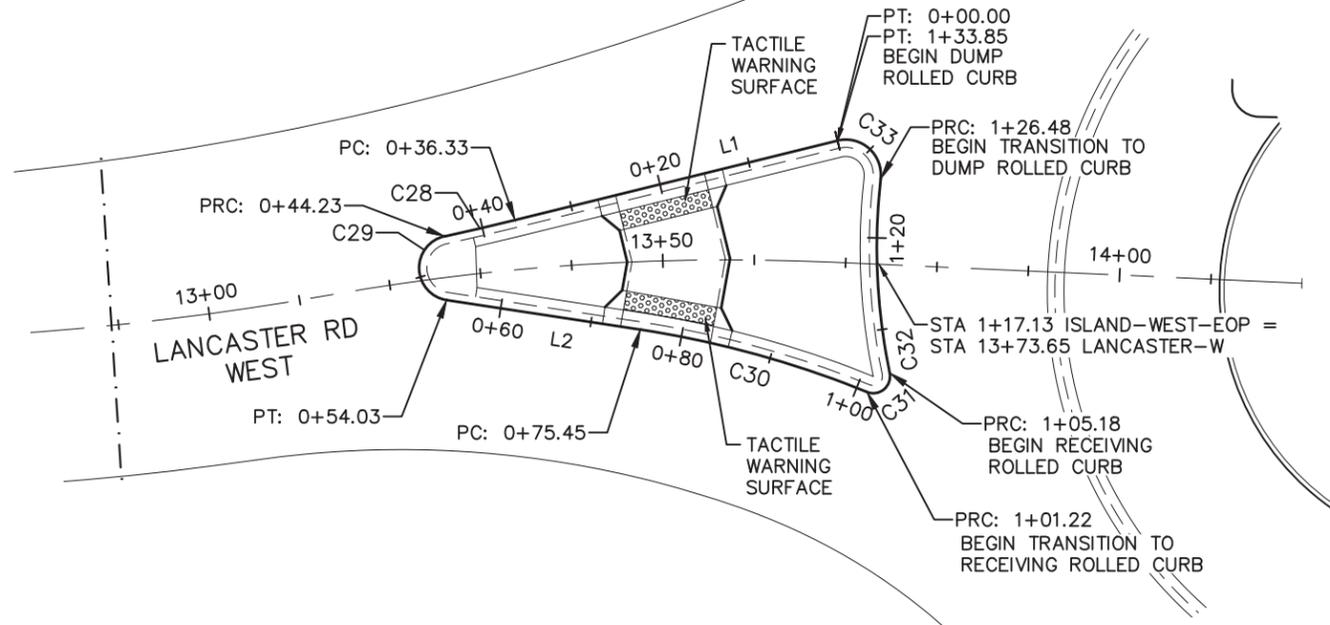
PROJECT NO.	A022(875)
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ROUNDABOUT OUTER LANE EDGE OF PAVEMENT PLAN AND PROFILE
SMA-7218
LANCASTER & HUETTER
ROUNDABOUT, LAKES HD

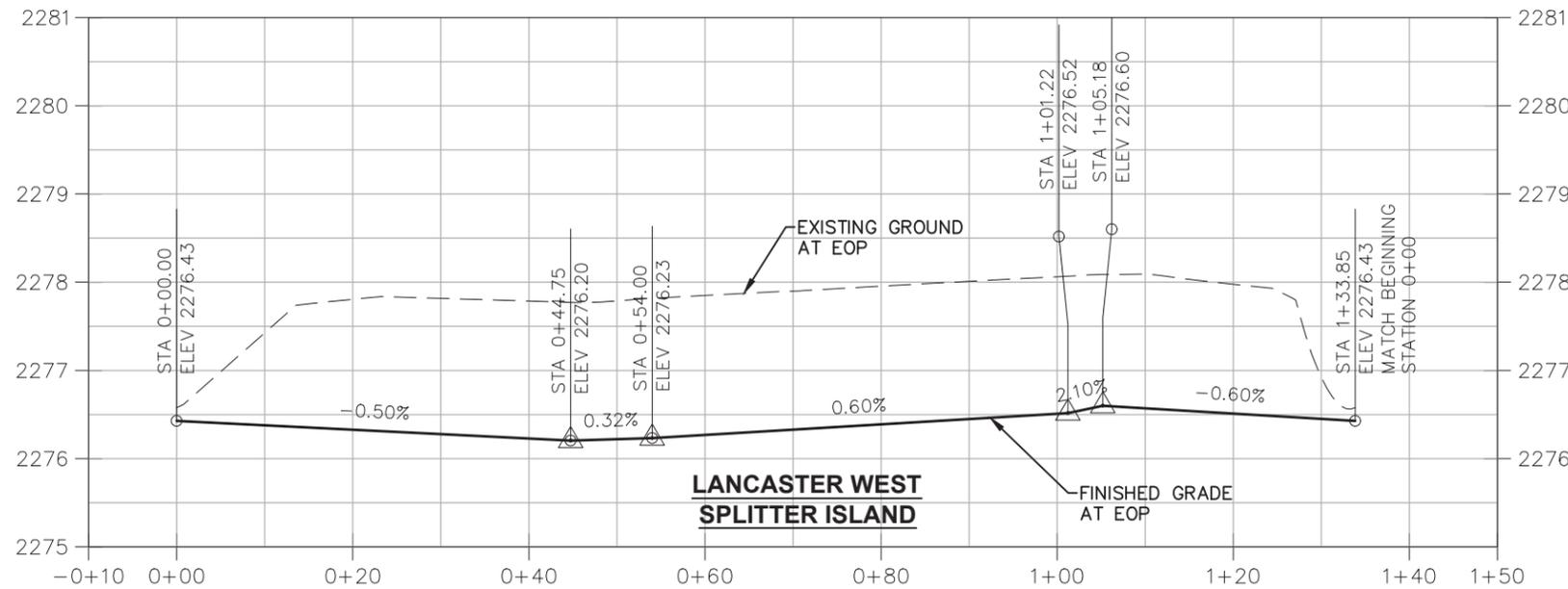
English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 24 OF 52



ORIGINAL STORED
 AT: ITD, District 1
 600 West Prairie,
 Coeur d'Alene, ID



CURVE TABLE					
CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C28	325.17	7.90	S76° 55' 12.70"W	1°23'28"	3.948
C29	3.53	9.80	S1° 51' 53.73"E	158°57'41"	19.028
C30	110.17	25.77	S74° 38' 42.31"E	13°24'04"	12.943
C31	1.83	3.96	N50° 09' 53.45"E	123°46'52"	3.432
C32	67.17	21.30	N2° 38' 28.18"W	18°10'09"	10.740
C33	3.83	7.37	N48° 39' 57.50"W	110°13'08"	5.497



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_PLPR_012.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-03-2024

IDAHO TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO. A022(875)

SPLITTER ISLAND PLAN & PROFILE – LANCASTER WEST

SMA-7218

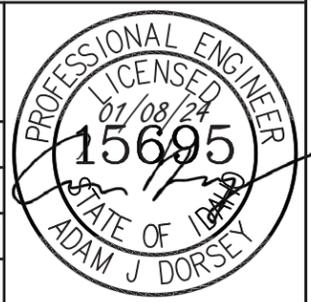
LANCASTER & HUETTER ROUNDABOUT, LAKES HD

English

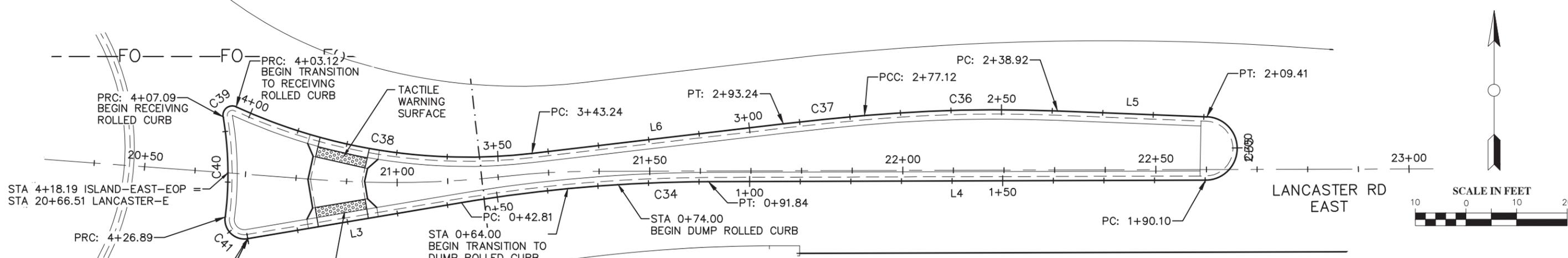
COUNTY KOOTENAI

KEY NUMBER 22875

SHEET 25 OF 52

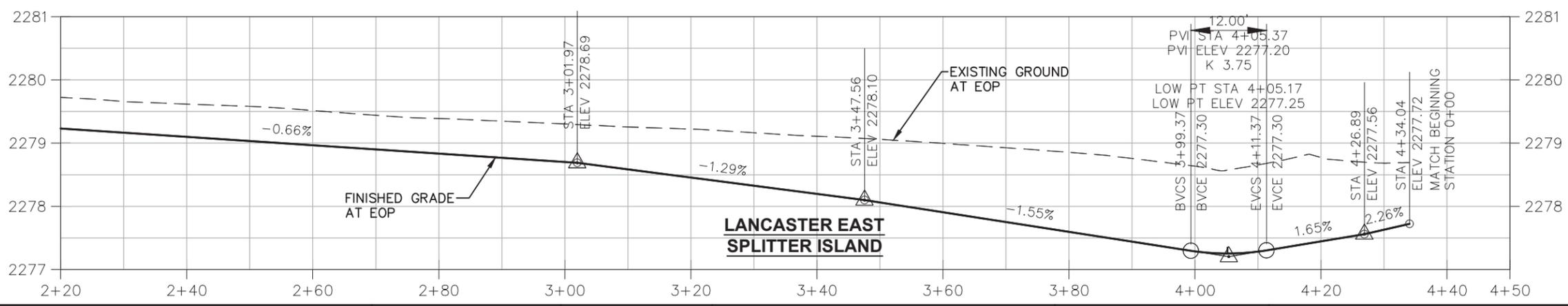
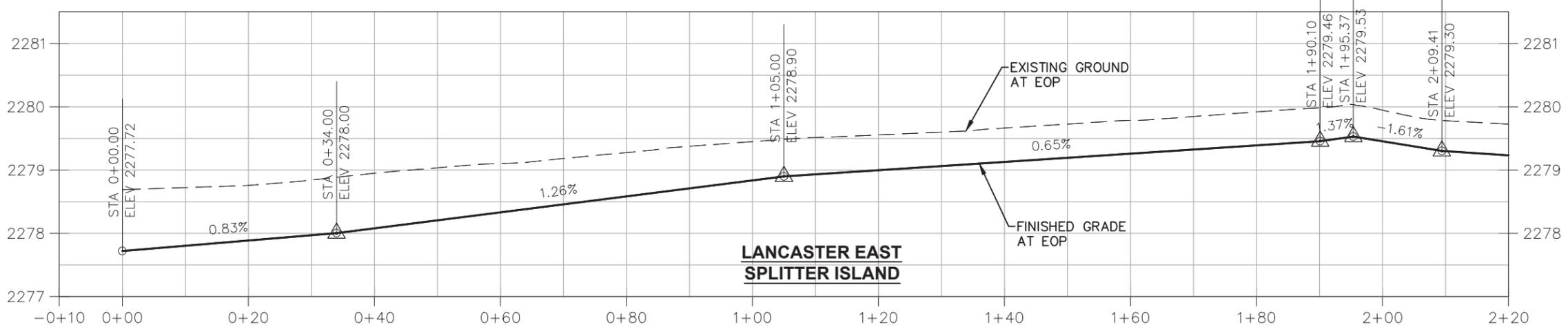


ORIGINAL STORED AT: ITD, District 1 600 West Prairie, Coeur d'Alene, ID



CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C34	300.17	49.03	N85° 09' 09.06"E	9°21'29"	24.567
C35	6.23	19.32	N1° 03' 32.02"E	177°32'43"	290.930
C36	300.83	38.19	S88° 38' 58.18"W	7°16'25"	19.121
C37	549.83	16.12	S84° 10' 21.13"W	1°40'49"	8.063

CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C38	110.17	59.88	N81° 05' 46.44"W	31°08'34"	30.700
C39	1.83	3.97	S52° 25' 41.65"W	124°05'38"	3.455
C40	67.17	19.80	S1° 10' 25.78"E	16°53'23"	9.972
C41	3.83	7.15	S46° 07' 39.79"E	106°47'51"	5.161



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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DETAILED	SDS	CADD FILE NAME 22875_PLPR_012.DWG
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IDAHO TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

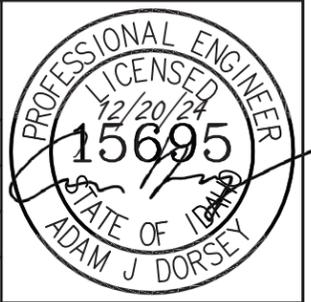
PROJECT NO.	A022(875)
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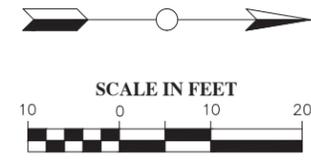
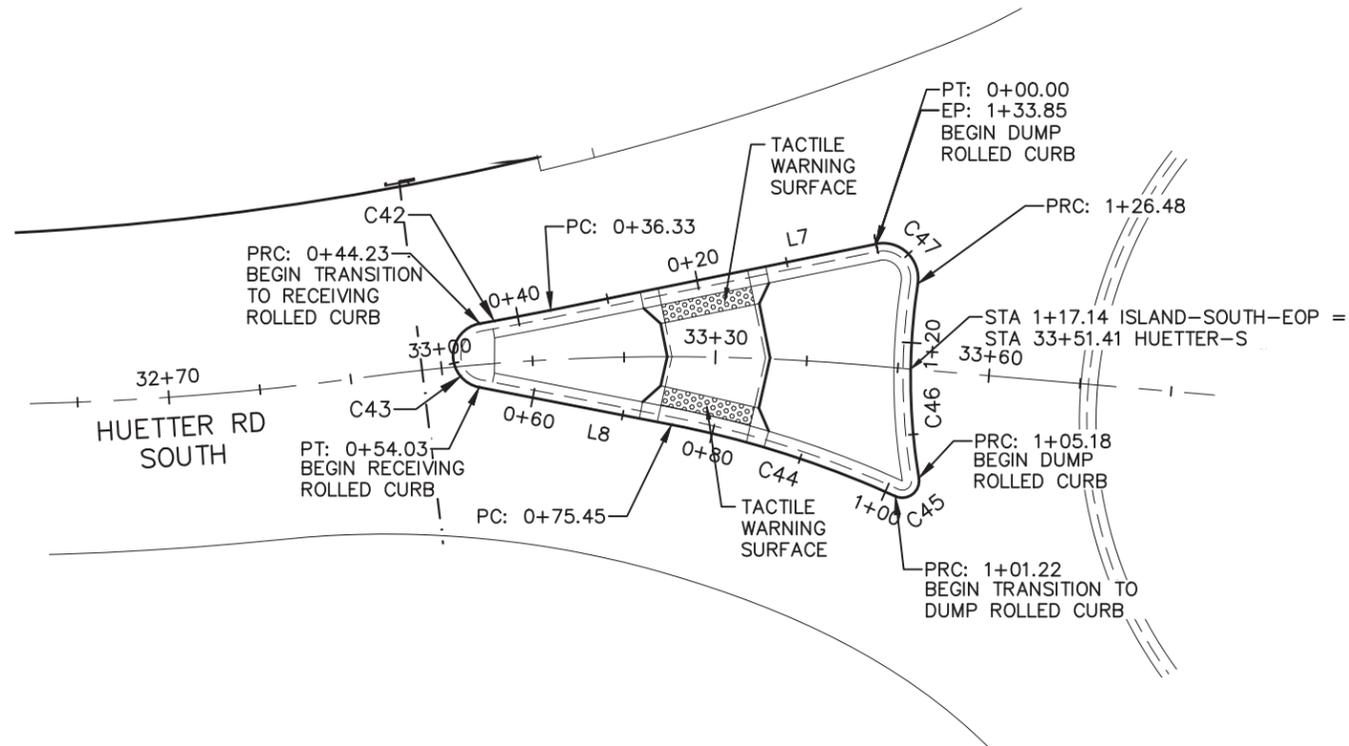
SMA-7218

LANCASTER & HUETTER ROUNDABOUT, LAKES HD

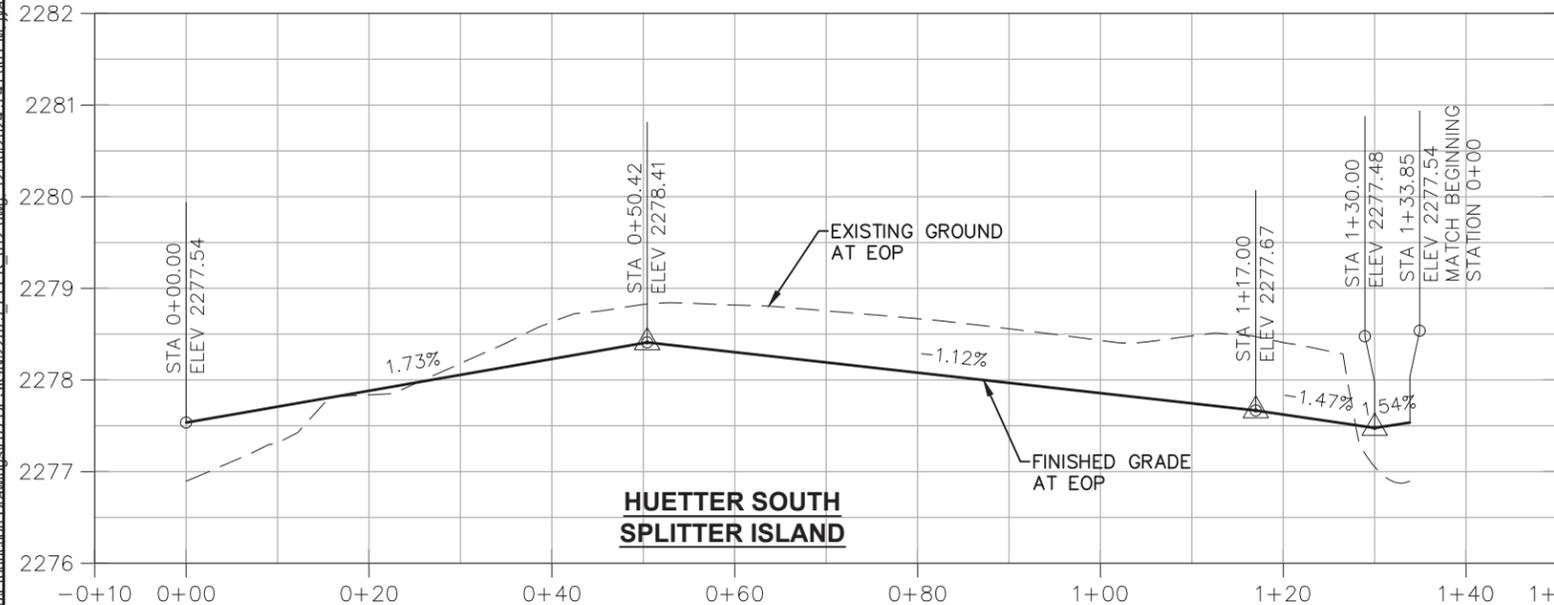
COUNTY	KOOTENAI
KEY NUMBER	22875
SHEET	26 OF 52

ORIGINAL STORED AT: 1TD, District 1 600 West Prairie, Coeur d'Alene, ID





CURVE TABLE					
CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C42	325.17	7.90	S10° 45' 07.74"E	1°23'28"	3.948
C43	3.53	9.80	S89° 32' 14.17"E	158°57'41"	19.028
C44	110.17	25.77	N17° 40' 57.25"E	13°24'04"	12.943
C45	1.83	3.96	N37° 30' 26.99"W	123°46'52"	3.432
C46	67.17	21.30	S89° 41' 11.38"W	18°10'09"	10.740
C47	3.83	7.37	S43° 39' 42.06"W	110°13'08"	5.497



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

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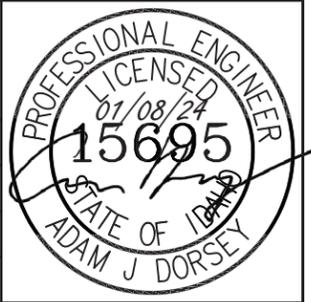
IDAHO
TRANSPORTATION
DEPARTMENT
 WELCH COMER ENGINEERS

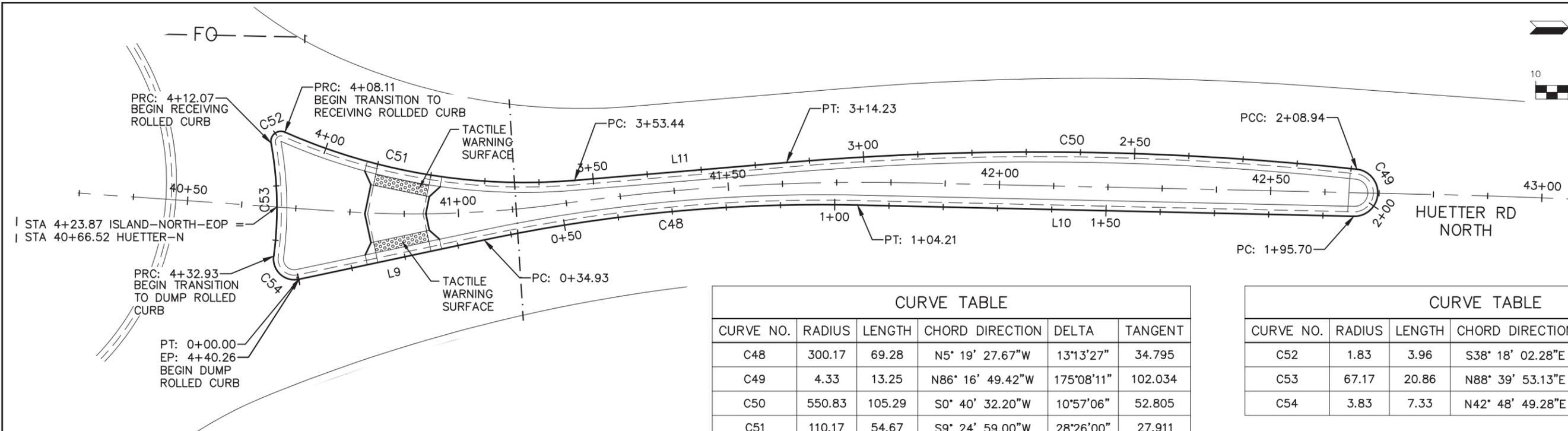
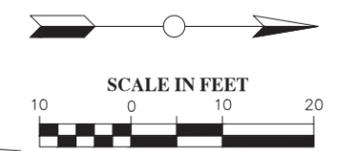
PROJECT NO.	A022(875)
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SPLITTER ISLAND PLAN & PROFILE HUETTER SOUTH
SMA-7218
LANCASTER & HUETTER
ROUNDBOUT, LAKES HD

COUNTY	KOOTENAI
KEY NUMBER	22875
SHEET	27 OF 52

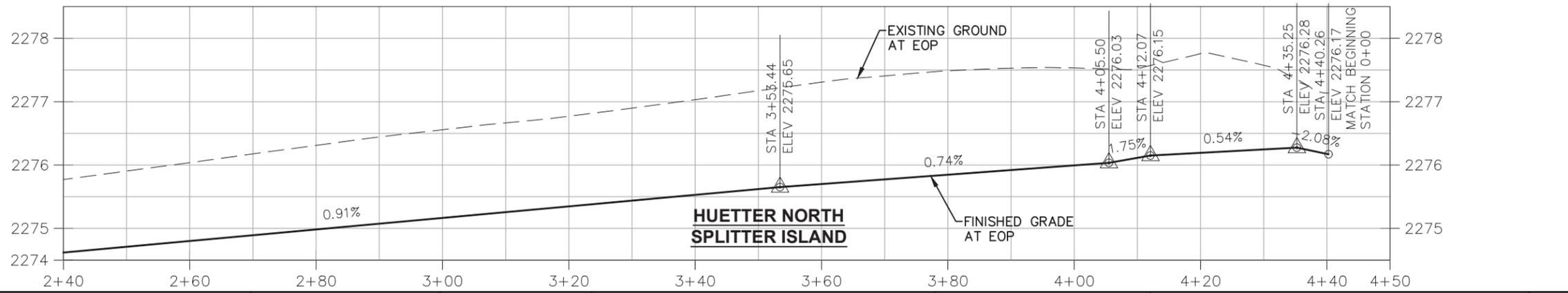
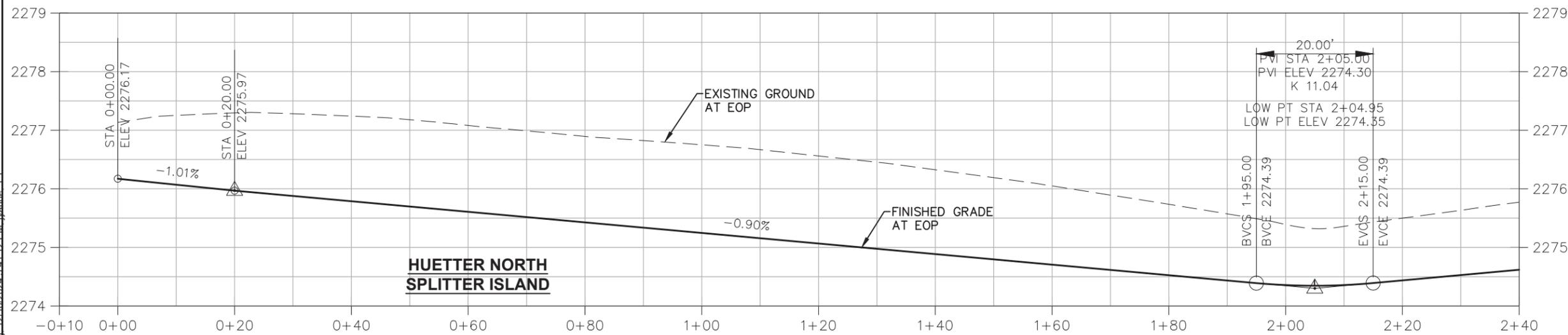
ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID





CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C48	300.17	69.28	N5° 19' 27.67"W	13°13'27"	34.795
C49	4.33	13.25	N86° 16' 49.42"W	175°08'11"	102.034
C50	550.83	105.29	S0° 40' 32.20"W	10°57'06"	52.805
C51	110.17	54.67	S9° 24' 59.00"W	28°26'00"	27.911

CURVE NO.	RADIUS	LENGTH	CHORD DIRECTION	DELTA	TANGENT
C52	1.83	3.96	S38° 18' 02.28"E	123°52'02"	3.438
C53	67.17	20.86	N88° 39' 53.13"E	17°47'53"	10.517
C54	3.83	7.33	N42° 48' 49.28"E	109°30'01"	5.424



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NO.	DATE	BY	DESCRIPTION

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IDAHO TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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SMA-7218

LANCASTER & HUETTER ROUNDABOUT, LAKES HD

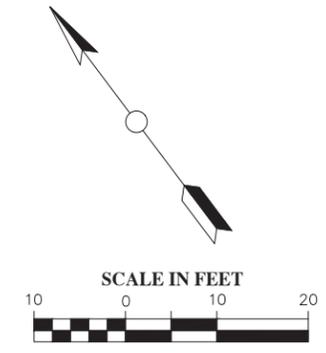
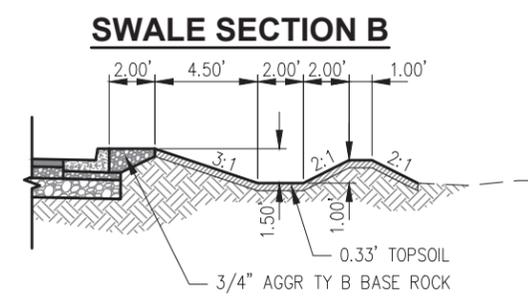
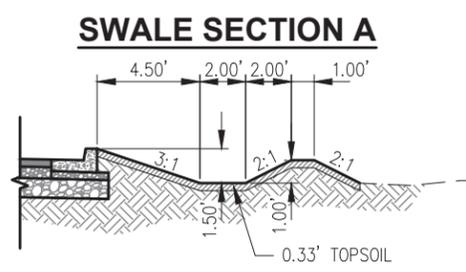
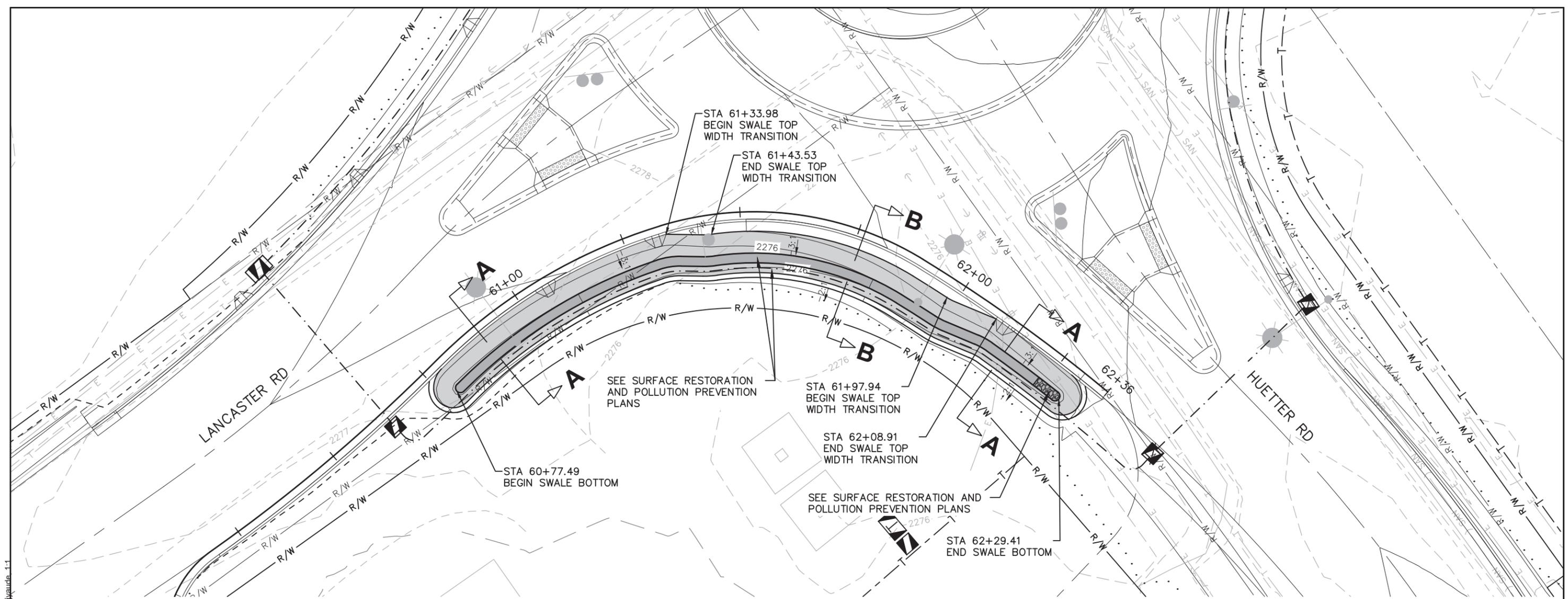
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COUNTY	KOOTENAI
KEY NUMBER	22875
SHEET	28 OF 52

ORIGINAL STORED AT: 1TD, District 1 600 West Prairie, Coeur d'Alene, ID

PROFESSIONAL ENGINEER LICENSED 01/08/24 15695

STATE OF IDAHO
ADAM J DORSEY

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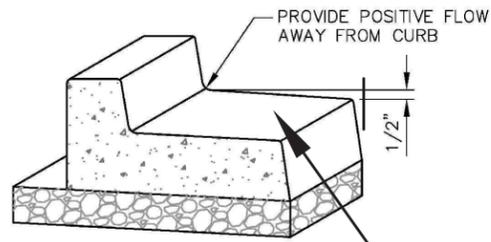
IDAHO
TRANSPORTATION
DEPARTMENT
 WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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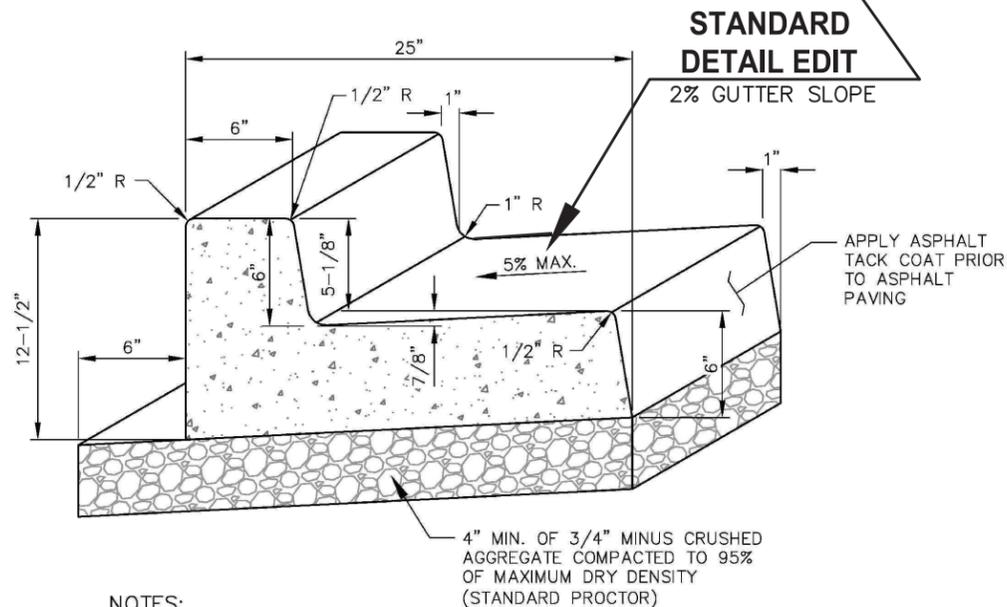
SOUTHWEST SWALE GRADING PLAN
SMA-7218
LANCASTER & HUETTER
ROUNDBOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 29 OF 52

ORIGINAL STORED
 AT: ITD, District 1
 600 West Prairie,
 Coeur d'Alene, ID



"DUMP" CURB OPTION

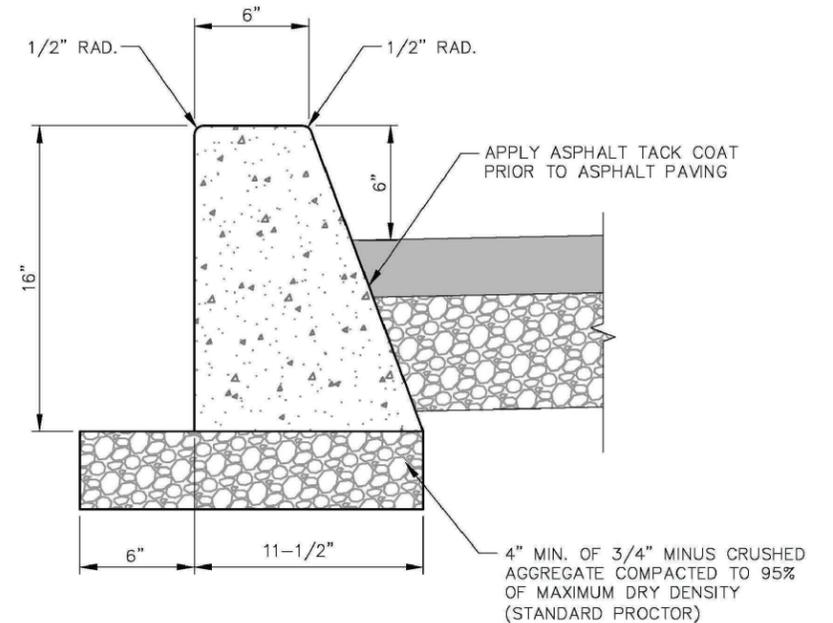


NOTES:

1. CONTRACTION JOINTS EVERY 10 FEET WITH EXPANSION JOINT FILLER AT CURB RETURNS AND CATCH BASINS. REFER TO STANDARD DRAWING ST-007.
2. WHEN EXISTING CURB IS REMOVED CARE WILL BE TAKEN NOT TO DISTURB EXISTING ASPHALT PAVEMENT. REFER TO STANDARD DRAWING T-001 FOR ASPHALT STREET PATCHING.
3. JOINTS BETWEEN EXISTING AND NEW CURB WILL BE SAWED.
4. A LIGHT BROOM FINISH IS REQUIRED.
5. CONCRETE SHALL BE CLASS 4000 A.
6. "DUMP" CURB SECTIONS SHALL BE CAST USING A SHOE MATCHING THE FINISHED CROSS SECTION OR HAND FORMED.
7. 4 INCH "S" STAMPED IN CONCRETE ON TOP OF CURB IDENTIFYING SEWER SERVICE LINE LOCATIONS AS SHOWN ON RECORD DRAWINGS.

	CITY OF HAYDEN STANDARD DRAWING	APPROVED BY: <i>S.H.</i> PUBLIC WORKS DIRECTOR	11/10/15 DATE:
	STANDARD CURB AND GUTTER	STANDARD DRAWINGS NO: ST-001	

615-490A
CURB AND GUTTER



NOTES:

1. CONTRACTION JOINTS EVERY 10 FEET WITH EXPANSION JOINT FILLER AT CURB RETURNS AND CATCH BASINS. REFER TO STANDARD DRAWING ST-007.
2. WHEN EXISTING CURB IS REMOVED CARE WILL BE TAKEN NOT TO DISTURB EXISTING ASPHALT PAVEMENT. REFER TO STANDARD DRAWING T-001 FOR ASPHALT STREET PATCHING.
3. JOINTS BETWEEN EXISTING AND NEW CURB WILL BE SAWED.
4. A LIGHT BROOM FINISH IS REQUIRED.
5. CONCRETE SHALL BE CLASS 4000 A.
6. FILLET ALL EXPOSED CORNERS WITH A RADIUS OF 1/2".
7. 4 INCH "S" STAMPED IN CONCRETE ON TOP OF CURB IDENTIFYING SEWER SERVICE LINE LOCATIONS AS SHOWN ON RECORD DRAWINGS.

	CITY OF HAYDEN STANDARD DRAWING	APPROVED BY: <i>S.H.</i> PUBLIC WORKS DIRECTOR	11/10/15 DATE:
	STANDARD STRAIGHT CURB	STANDARD DRAWINGS NO: ST-002	

615-255B
CURB

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REVISIONS				DESIGNED	SCALES SHOWN
NO.	DATE	BY	DESCRIPTION	AJD/CSH	ARE FOR 11" X 17" PRINTS ONLY

IDAHO TRANSPORTATION DEPARTMENT

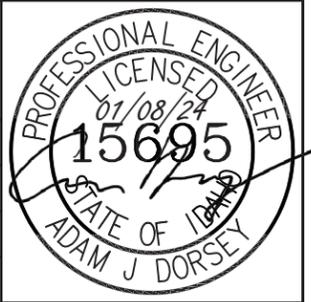
 WELCH COMER ENGINEERS

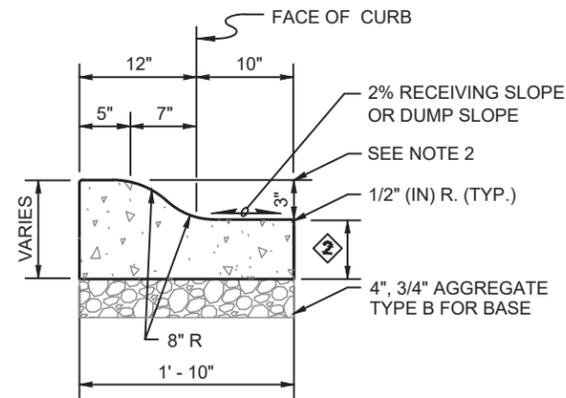
PROJECT NO.	A022(875)
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ROADWAY DETAILS
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 30 OF 52

ORIGINAL STORED AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID





NOTES:

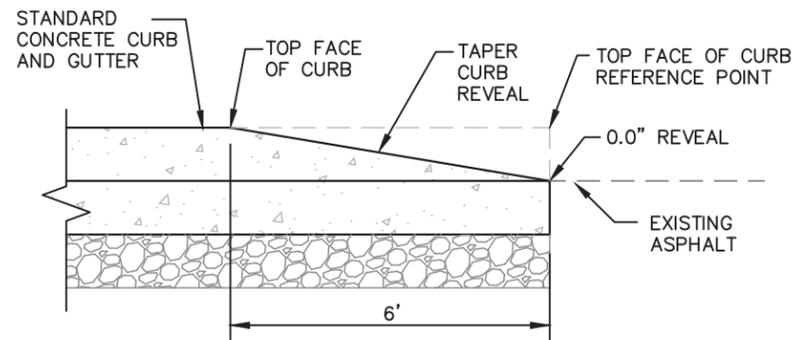
1. CONSTRUCT CURB JOINTS AT CEMENT CONCRETE PAVEMENT TRANSVERSE JOINT LOCATIONS. IF ALL ADJACENT PAVEMENT IS HMA, SEE ST-007 FOR CURB EXPANSION AND CONTRACTION JOINT SPACING.
2. A 2 INCH VERTICAL CURB MAY BE USED WHERE LOW CLEARANCE VEHICLES OR TRUCKS ARE PRESENT.

LEGEND

- ① WIDTH VARIES ~ SEE CONTRACT PLANS
- ② MATCH ADJACENT PAVEMENT THICKNESS BUT NOT LESS THAN 6 INCHES

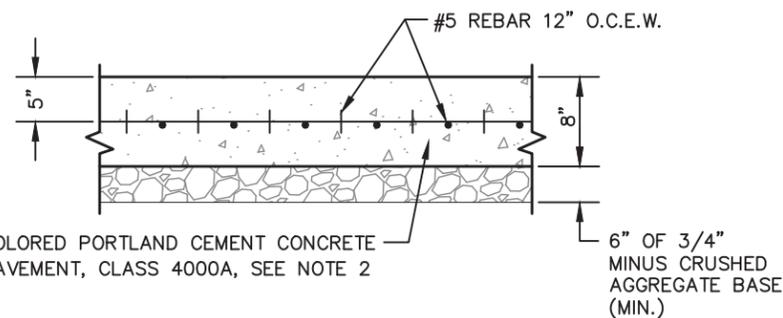
**615-490B - CURB 1
ROUNDABOUT TRUCK APRON ROLLED CURB
AND SPLITTER ISLAND CURB DETAIL**

NO SCALE



**CURB SECTION
CURB TERMINUS DETAIL**

NO SCALE

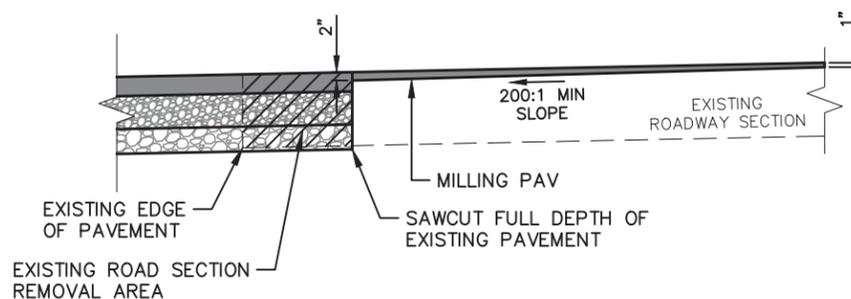


NOTES:

1. EXPANSION JOINT FILLER MATERIAL SHALL BE PLACED BETWEEN THE CONCRETE INTERSECTION AND ADJACENT CONCRETE CURBS.
2. COLORED CONCRETE TO BE DAVIS COLORS BRICK RED OR APPROVED EQUAL. COLOR TO BE ACCOMPLISHED WITH POWDER TYPE COLORING MIXED INTO THE CONCRETE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS IN ORDER TO PROVIDE A UNIFORM COLOR THROUGHOUT THE MIXTURE. CONTRACTOR SHALL CONFIRM CONCRETE COLOR SELECTION WITH OWNER PRIOR TO ORDERING CONCRETE.

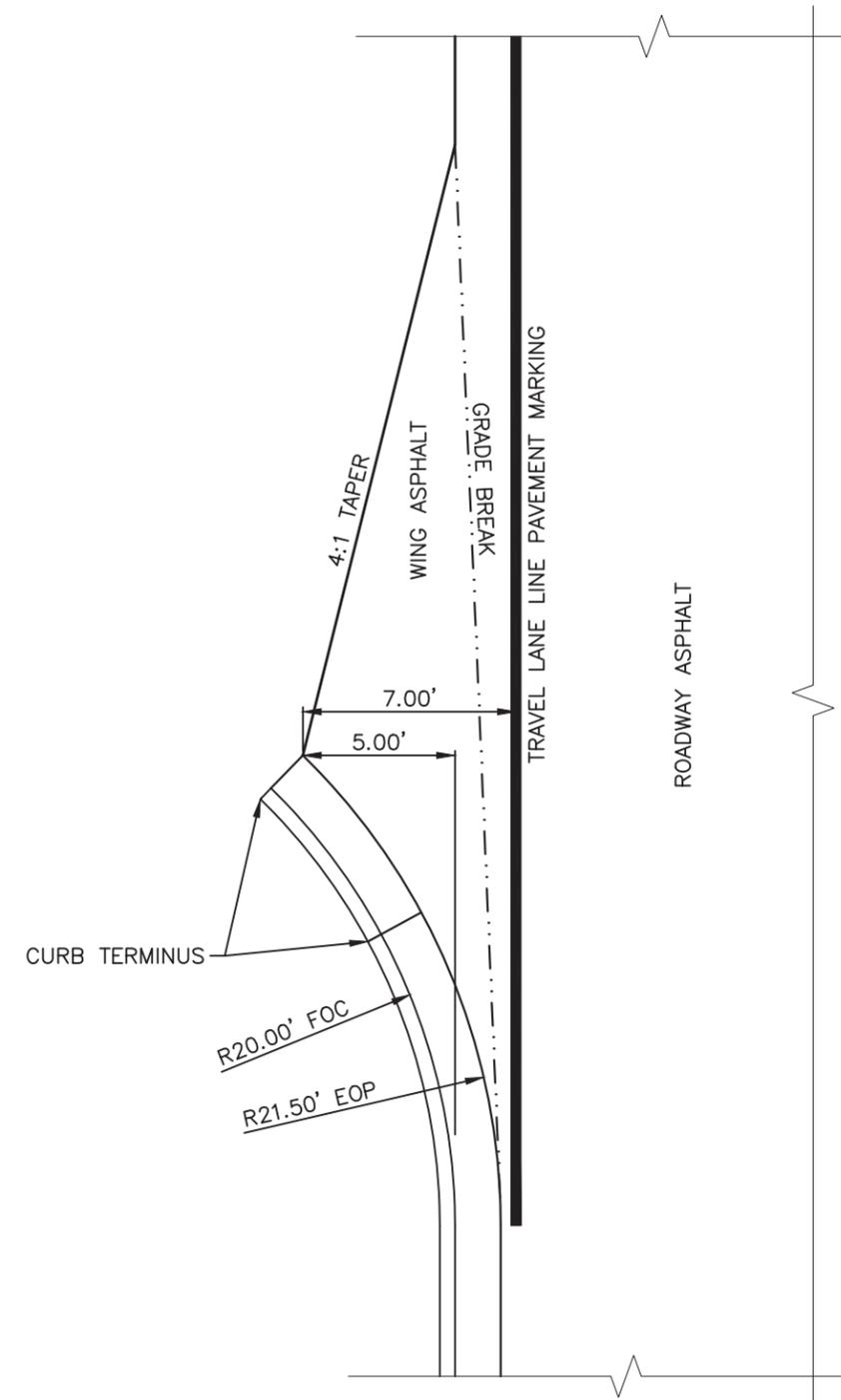
**411-005A
COLORED CONCRETE TRUCK APRON DETAIL**

NO SCALE



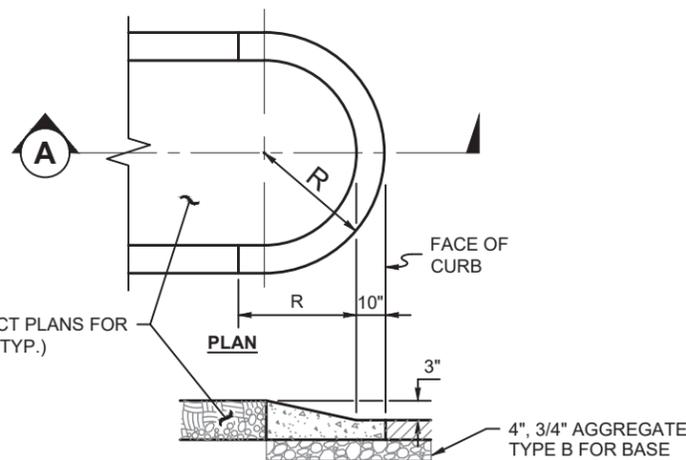
**ROAD MILLING SECTION DETAIL
INCIDENTAL TO 405-435A SUPERPAVE HMA PAVEMENT**

NO SCALE



CURB WING AND TAPER DETAIL

NO SCALE



**415-490B CURB 2
ROUNDABOUT SPLITTER ISLAND NOSING CURB DETAIL**

NO SCALE

N:\Civil3D\Projects\41322_120\Production Drawings\ITD_DESIGN\22875_RDTL_001.dwg_12/16/2024 5:41:31 PM_jyaude 1:1

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_RDTL_001.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-08-2024

**IDAHO
TRANSPORTATION
DEPARTMENT**

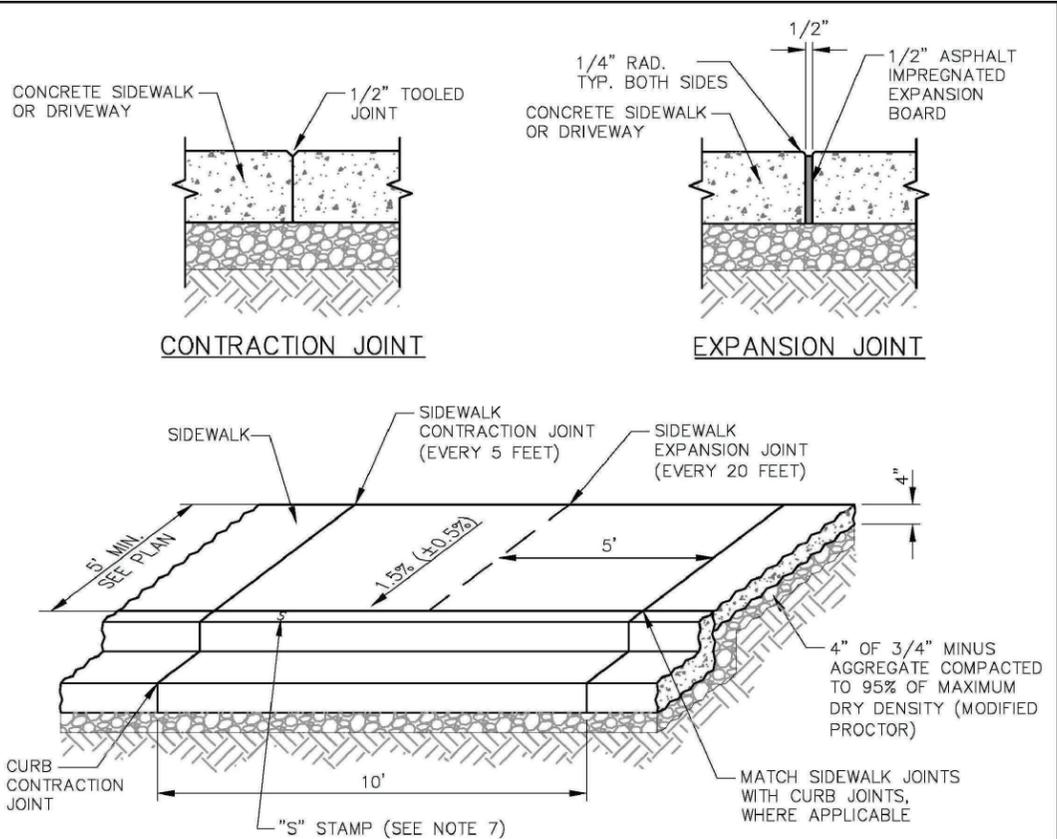
WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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ROADWAY DETAILS	SMA-7218
	LANCASTER & HUETTER
	ROUNDABOUT, LAKES HD

ORIGINAL STORED AT: ITD, District 1 600 West Prairie, Coeur d'Alene, ID
English
COUNTY: KOOTENAI
KEY NUMBER: 22875
SHEET 31 OF 52

PROFESSIONAL ENGINEER
LICENSED
01/08/24
15695
STATE OF IDAHO
ADAM J DORSEY

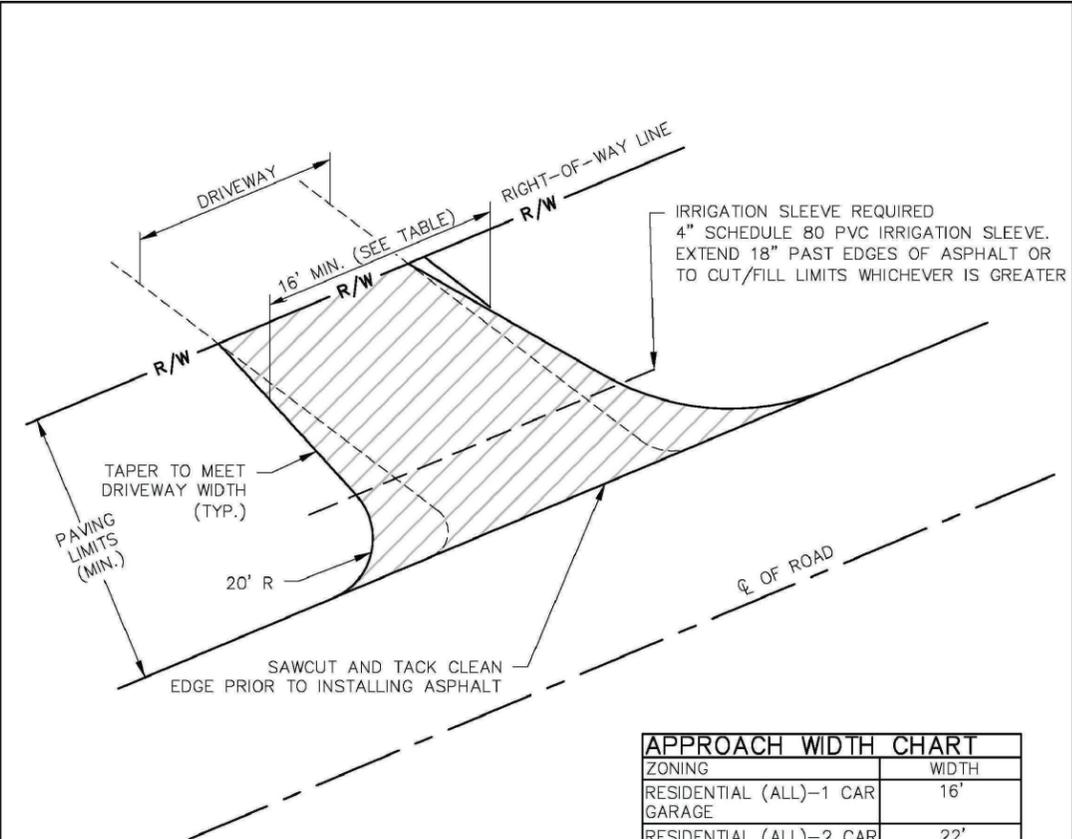


NOTES:

- CONTRACTION JOINTS SHALL BE PLACED EVERY 5 FEET IN SIDEWALK AND MATCH CURB JOINTS.
- EXPANSION JOINTS SHALL BE PLACED EVERY 20 FEET IN SIDEWALK WITH FELT EXPANSION MATERIAL EXTENDING THE FULL SIDEWALK DEPTH.
- EXPANSION MATERIAL IS REQUIRED BETWEEN A DRIVEWAY SLAB AND THE WALK. IT IS ALSO REQUIRED BETWEEN THE SIDEWALK AND THE DRIVE APPROACH. EXPANSION MATERIAL SHALL EXTEND THE FULL DEPTH OF THE WALK.
- SIDEWALK SHALL BE 4" THICK EXCEPT WHEN PART OF A DRIVEWAY WHERE IT SHALL BE 6" THICK.
- CONCRETE SHALL BE CLASS 4000 B.
- SIDEWALK TO BE BROOMED SURFACE WITH SLAB AND JOINT EDGES TO HAVE A 1/4" RADIUS.
- 4 INCH "S" STAMPED IN CONCRETE ON TOP OF CURB IDENTIFYING SEWER SERVICE LINE LOCATIONS AS SHOWN ON RECORD DRAWINGS.

	CITY OF HAYDEN STANDARD DRAWING	APPROVED BY: <i>[Signature]</i>
	SIDEWALK	07/10/12 DATE: PUBLIC WORKS DIRECTOR
		STANDARD DRAWINGS NO: ST-007

**STANDARD
 DETAIL EDIT
 REMOVE**



ZONING	WIDTH
RESIDENTIAL (ALL)-1 CAR GARAGE	16'
RESIDENTIAL (ALL)-2 CAR GARAGE	22'
RESIDENTIAL (ALL)-3 CAR GARAGE	32'
AGRICULTURE	60' MAX.
COMMERCIAL	24'MIN/38'MAX
INDUSTRIAL	24'MIN/60'MAX

(1) APPROACH WIDTHS SHALL NOT EXCEED 40% OF LOT WIDTH WITHOUT PRIOR APPROVAL BY THE CITY.

ASPHALT APPROACH
~~2" ASPHALT~~
~~4" OF 3/4" BASE COURSE~~

CONCRETE APPROACH
 6" MINIMUM THICK
 CLASS 4000 B
 IRRIGATION SLEEVE REQUIRED AS SHOWN ABOVE
 EXPANSION MATERIAL REQUIRED BETWEEN THE DRIVEWAY SLAB, EXTENDED FULL DEPTH

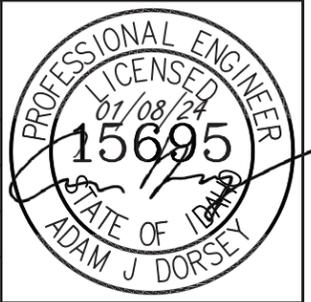
NOTE:
 EXCEPT AS MAY BE APPROVED BY THE FIRE PROTECTION DISTRICT WITH JURISDICTION, NO PRIVATE ROAD OR DRIVEWAY SHALL HAVE GREATER THAN A TWELVE PERCENT(12%) GRADE, AND GRADES OF TEN PERCENT(10)% OR GREATER SHALL NOT EXCEED ONE-HUNDRED FEET(100') IN LENGTH.

	CITY OF HAYDEN STANDARD DRAWING	APPROVED BY: <i>[Signature]</i>
	PAVED NON-CURBED RESIDENTIAL APPROACH	11/10/15 DATE: PUBLIC WORKS DIRECTOR
		STANDARD DRAWINGS NO: ST-017

**614-025A
 SEE DETAIL CURB RAMP TYPE 2**

**405-240A
 MISC PAVE**

ORIGINAL STORED
 AT: ITD, District 1
 600 West Prairie,
 Coeur d'Alene, ID



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REVISIONS				DESIGNED	SCALES SHOWN
NO.	DATE	BY	DESCRIPTION	AJD/CSH	ARE FOR 11" X 17"
△					PRINTS ONLY
△					
△					
△					
△					

**IDAHO
 TRANSPORTATION
 DEPARTMENT**

WELCH COMER ENGINEERS

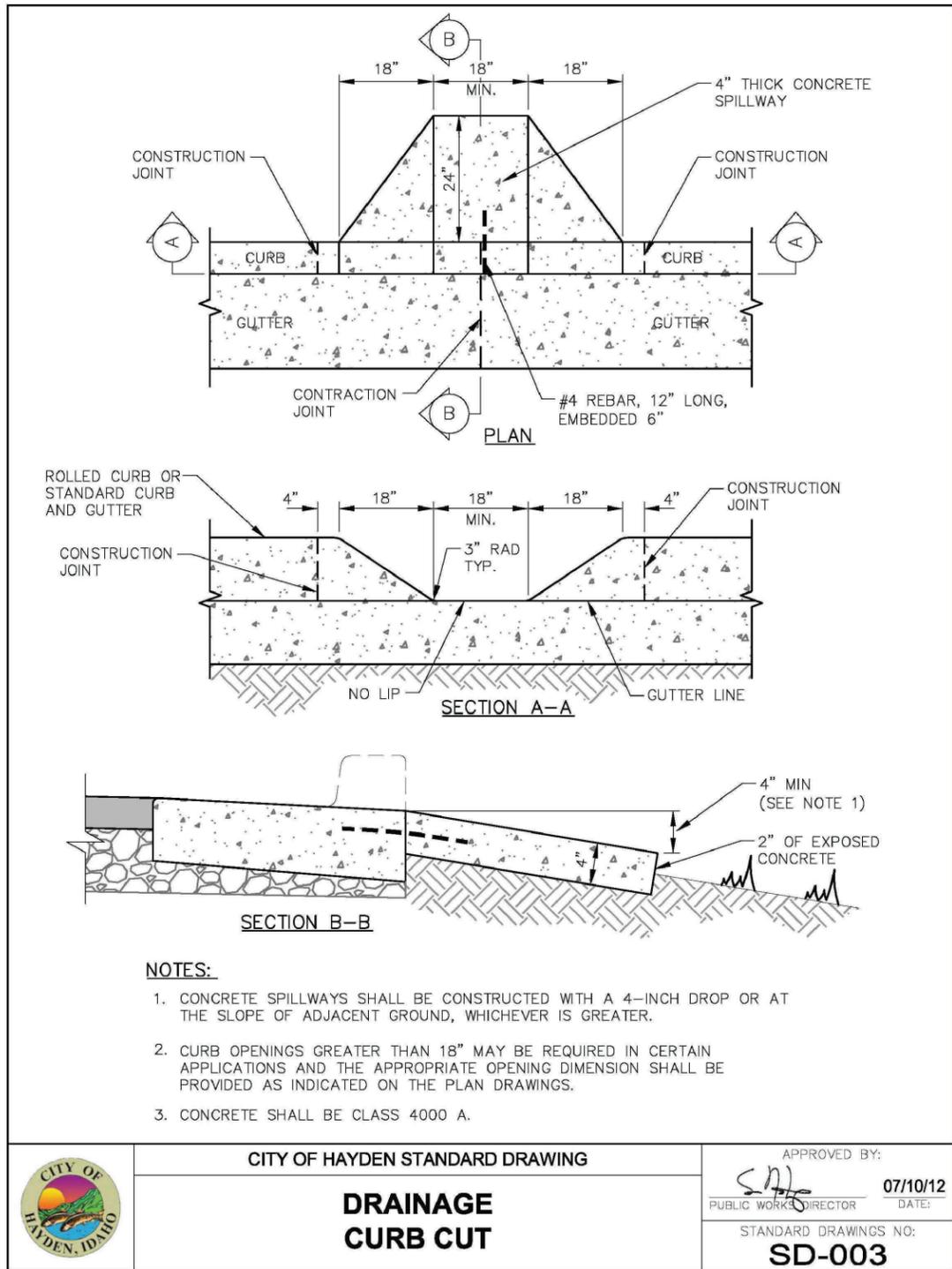
IDAHO TRANSPORTATION DEPARTMENT

PROJECT NO.
 A022(875)

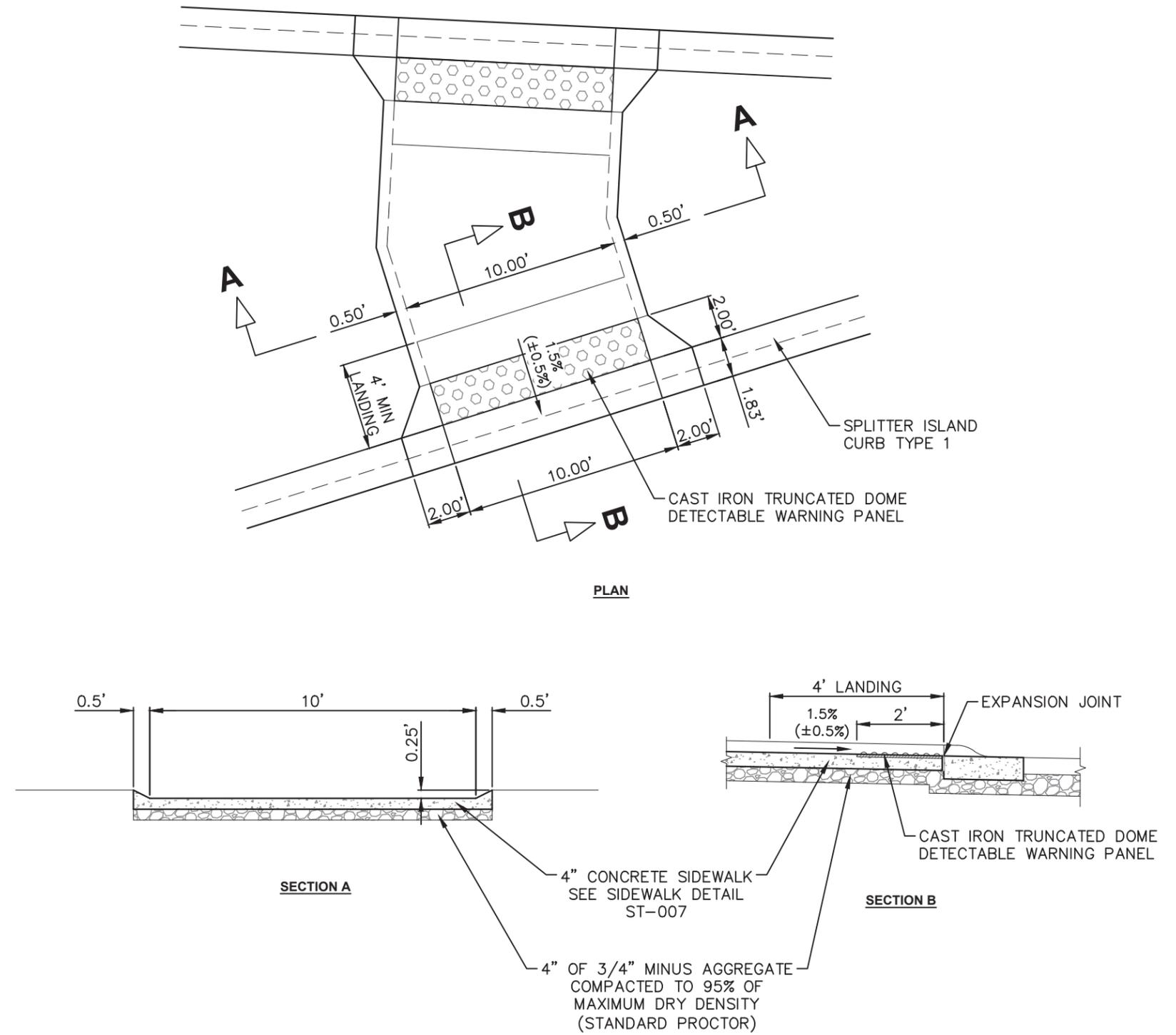
ROADWAY DETAILS
SMA-7218
LANCASTER & HUETTER
ROUNDBOUT, LAKES HD

English
 COUNTY
 KOOTENAI
 KEY NUMBER
 22875
 SHEET 32 OF 52

N:\City\3D Projects\41322_120\Production Drawings\ITD_DESIGN\22875_RDTL_001.dwg_12/16/2024 5:41:41 PM - jvaude 1:1



INCIDENTAL TO CURB PAY ITEM 615-255B



CURB RAMP TYPE 2 IN SPLITTER ISLANDS DETAIL

NO SCALE
614-025A

ORIGINAL STORED AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

REVISIONS				DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	AJD/MLC	

IDAHO TRANSPORTATION DEPARTMENT

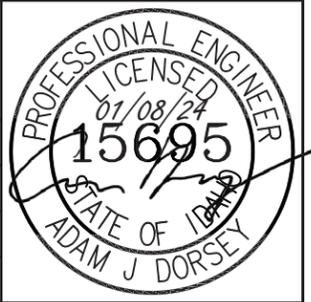
WELCH COMER ENGINEERS

IDAHO TRANSPORTATION DEPARTMENT

PROJECT NO.	A022(875)
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ROADWAY DETAILS	SMA-7218
	LANCASTER & HUETTER
	ROUNDBOUT, LAKES HD

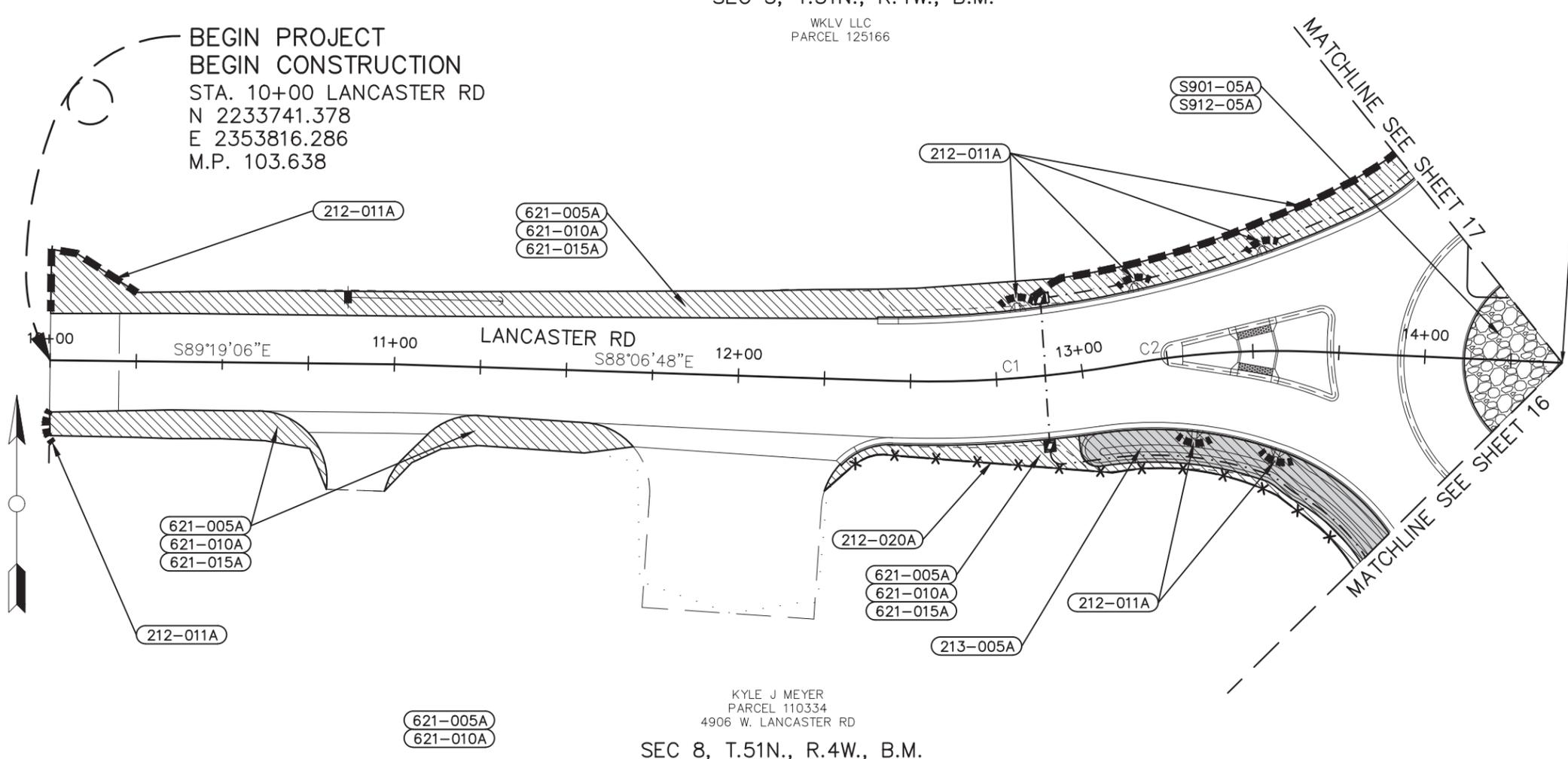
English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 33 OF 52



SEC 5, T.51N., R.4W., B.M.

WKLV LLC
PARCEL 125166

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 10+00 LANCASTER RD
N 2233741.378
E 2353816.286
M.P. 103.638



ROUNDABOUT CENTER
STA 14+39.95 LANCASTER WEST
STA 20+00 LANCASTER EAST
STA 34+17.92 HUETTER SOUTH
STA 40+00 HUETTER NORTH

- (212-011A) FIBER WATTLE
SEE DETAILS
46 FT, STA. 10+00 TO 10+25 LT
10 FT, STA. 10+00 RT
10 FT, STA. 12+83, 23' LT
115 FT, STA. 12+88 TO 13+89 LT
10 FT, STA. 13+19, 24' LT
10 FT, STA. 13+30, 25' RT
10 FT, STA. 13+53, 32' LT
10 FT, STA. 13+56, 32' RT
- (212-020A) SILT FENCE
168 FT, STA. 12+26, 33' RT TO
STA. 13+82, 62' RT
- (213-005A) TOPSOIL (4" DEPTH)
11.9 CY
STA. 12+96.73 TO 13+91.94 RT
- (621-005A) SEED BED PREPARATION
0.14 ACRES - DRYLAND SEED
STA. 10+00 TO 13+89 LT
STA. 10+00 TO 10+81 RT
STA. 10+98 TO 11+70 RT
STA. 12+26 TO 13+82 RT
- (621-010A) SEEDING
0.14 ACRES - DRYLAND SEED
STA. 10+00 TO 13+89 LT
STA. 10+00 TO 10+81 RT
STA. 10+98 TO 11+70 RT
STA. 12+26 TO 13+82 RT
- (621-015A) MULCHING
0.14 ACRES
STA. 10+00 TO 13+89 LT
STA. 10+00 TO 10+81 RT
STA. 10+98 TO 11+70 RT
STA. 12+26 TO 13+82 RT
- (S901-05A) IMPORTED GRANITE LANDSCAPE BOULDER
1 EACH, CENTER OF ROUNDABOUT
STA. 14+11.45 TO 14+39.95 RT & LT
- (S912-05A) WASHED BASALT LANDSCAPE SURFACE
76 SY, CENTER OF ROUNDABOUT
STA. 14+11.45 TO 14+39.95 RT & LT

KYLE J MEYER
PARCEL 110334
4906 W. LANCASTER RD
SEC 8, T.51N., R.4W., B.M.

- LAWN CONSTRUCTION AREA (DRYLAND SEED)
- TOPSOIL
- WASHED BASALT LANDSCAPE SURFACE



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

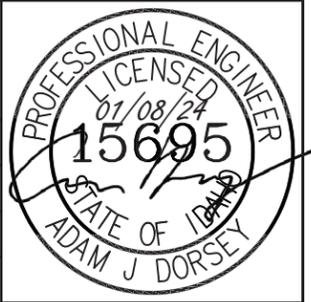
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DESIGN CHECKED: A.J.D./M.L.C.
DETAILED: S.D.S.
DRAWING CHECKED: A.J.D./C.S.H./M.L.C.

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME: 22875_EROS_002.DWG
DRAWING DATE: 12-11-2024

IDAHO TRANSPORTATION DEPARTMENT
WELCH COMER ENGINEERS

PROJECT NO. A022(875)
SURFACE RESTORATION AND POLLUTION PREVENTION PLAN - LANCASTER W
SMA-7218
LANCASTER & HUETTER ROUNDABOUT, LAKES HD

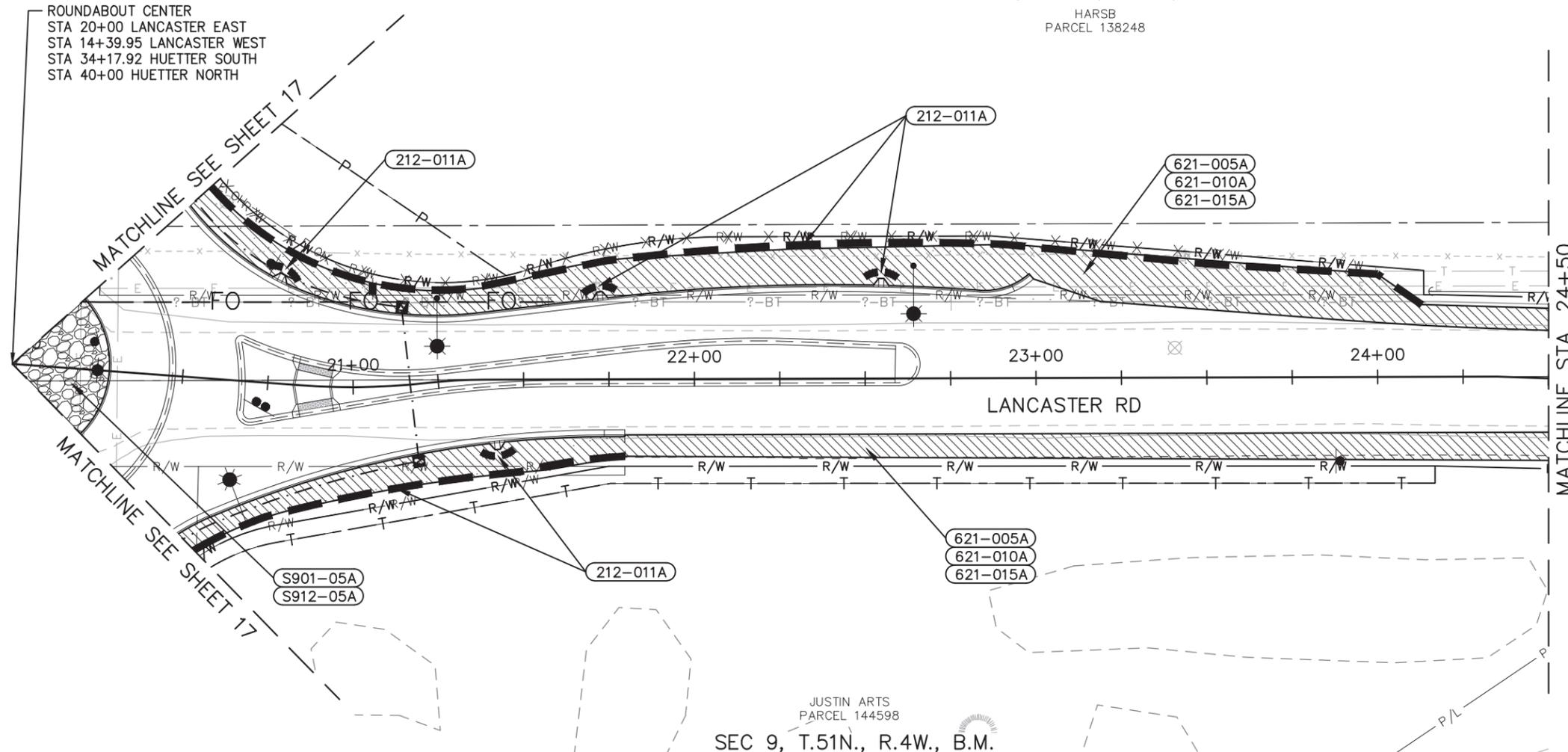
English
COUNTY: KOOTENAI
KEY NUMBER: 22875
SHEET 34 OF 52



SEC 4, T.51N., R.4W., B.M.

HARSB
PARCEL 138248

ROUNDAABOUT CENTER
STA 20+00 LANCASTER EAST
STA 14+39.95 LANCASTER WEST
STA 34+17.92 HUETTER SOUTH
STA 40+00 HUETTER NORTH



MATCHLINE STA. 24+50

- (212-011A) FIBER WATTLE
SEE DETAILS
367 FT, STA. 20+54 TO 24+13 LT
130 FT, STA. 20+57 TO 21+80 RT
10 FT, STA. 20+78, 34' LT
10 FT, STA. 21+43, 22' RT
10 FT, STA. 21+72, 27' LT
10 FT, STA. 22+55, 31' LT
- (621-005A) SEED BED PREPARATION
0.16 ACRES - DRYLAND SEED
STA. 20+49 TO 24+50 LT
STA. 20+52 TO 24+50 RT
- (621-010A) SEEDING
0.16 ACRES - DRYLAND SEED
STA. 20+49 TO 24+50 LT
STA. 20+52 TO 24+50 RT
- (621-015A) MULCHING
0.16 ACRES
STA. 20+49 TO 24+50 LT
STA. 20+52 TO 24+50 RT
- (S901-05A) IMPORTED GRANITE LANDSCAPE BOULDER
1 EACH, CENTER OF ROUNDABOUT
STA. 20+00 TO 20+28.5 RT & LT
- (S912-05A) WASHED BASALT LANDSCAPE SURFACE
69 SY, CENTER OF ROUNDABOUT
STA. 20+00 TO 20+28.5 RT & LT

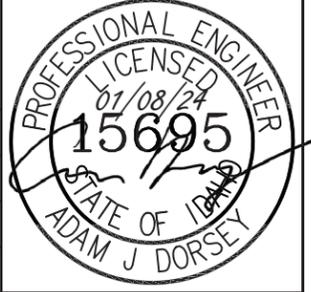
NOTES:

- ◆ CONTRACTOR TO PROVIDE ADDITIONAL POLLUTION PREVENTION MEASURES TO MEET ALL POLLUTION PREVENTION PLAN REQUIREMENTS AS DEEMED NECESSARY BY ON-SITE ENGINEER OR FIELD INSPECTOR.

- LAWN CONSTRUCTION AREA (DRYLAND SEED)
- WASHED BASALT LANDSCAPE SURFACE



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_EROS_003.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 12-11-2024

**IDAHO
TRANSPORTATION
DEPARTMENT**

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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SURFACE RESTORATION AND POLLUTION PREVENTION PLAN - LANCASTER E

SMA-7218

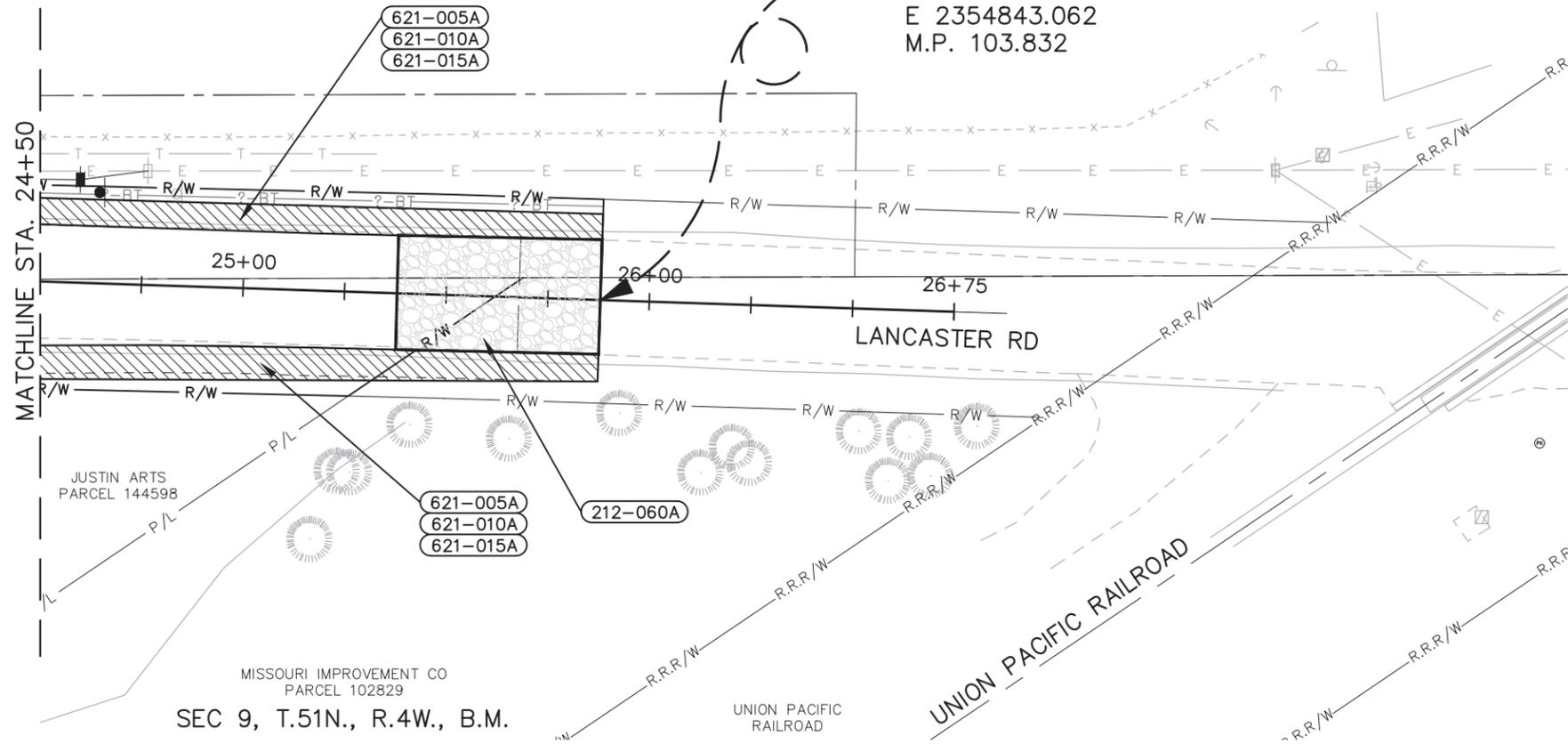
**LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD**

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 35 OF 52

SEC 4, T.51N., R.4W., B.M.

HARSB
PARCEL 138248

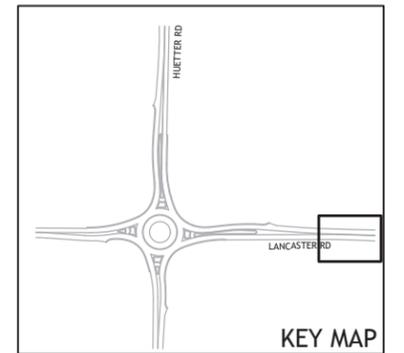
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END CONSTRUCTION
STA. 25+87.92 LANCASTER RD
N 2233731.830
E 2354843.062
M.P. 103.832



- (212-060A) STABILIZED CONSTRUCTION ENTRANCE
1 EACH, STA. 25+38 TO 25+87.92
- (621-005A) SEED BED PREPARATION
0.05 ACRES - DRYLAND SEED
STA. 24+50 TO 25+87.92 LT
STA. 24+50 TO 25+87.92 RT
- (621-010A) SEEDING
0.05 ACRES - DRYLAND SEED
STA. 24+50 TO 25+87.92 LT
STA. 24+50 TO 25+87.92 RT
- (621-015A) MULCHING
0.05 ACRES
STA. 24+50 TO 25+87.92 LT
STA. 24+50 TO 25+87.92 RT

NOTES:
 ⚠ CONTRACTOR TO PROVIDE ADDITIONAL POLLUTION PREVENTION MEASURES TO MEET ALL POLLUTION PREVENTION PLAN REQUIREMENTS AS DEEMED NECESSARY BY ON-SITE ENGINEER OR FIELD INSPECTOR.

- STABILIZED CONSTRUCTION ENTRANCE
- LAWN CONSTRUCTION AREA (DRYLAND SEED)



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

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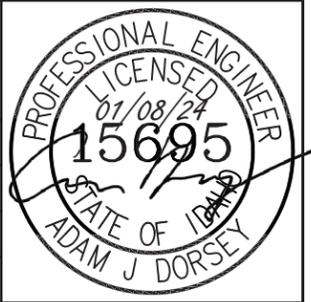
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NO.	DATE	BY	DESCRIPTION	AJD/CSH	ARE FOR 11" X 17" PRINTS ONLY
				AJD/MLC	
				SDS	CADD FILE NAME 22875_EROS_003.DWG
				AJD/CSH/MLC	DRAWING DATE: 01-04-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.	SURFACE RESTORATION AND POLLUTION PREVENTION PLAN - LANCASTER E
A022(875)	SMA-7218 LANCASTER & HUETTER ROUNDAABOUT, LAKES HD

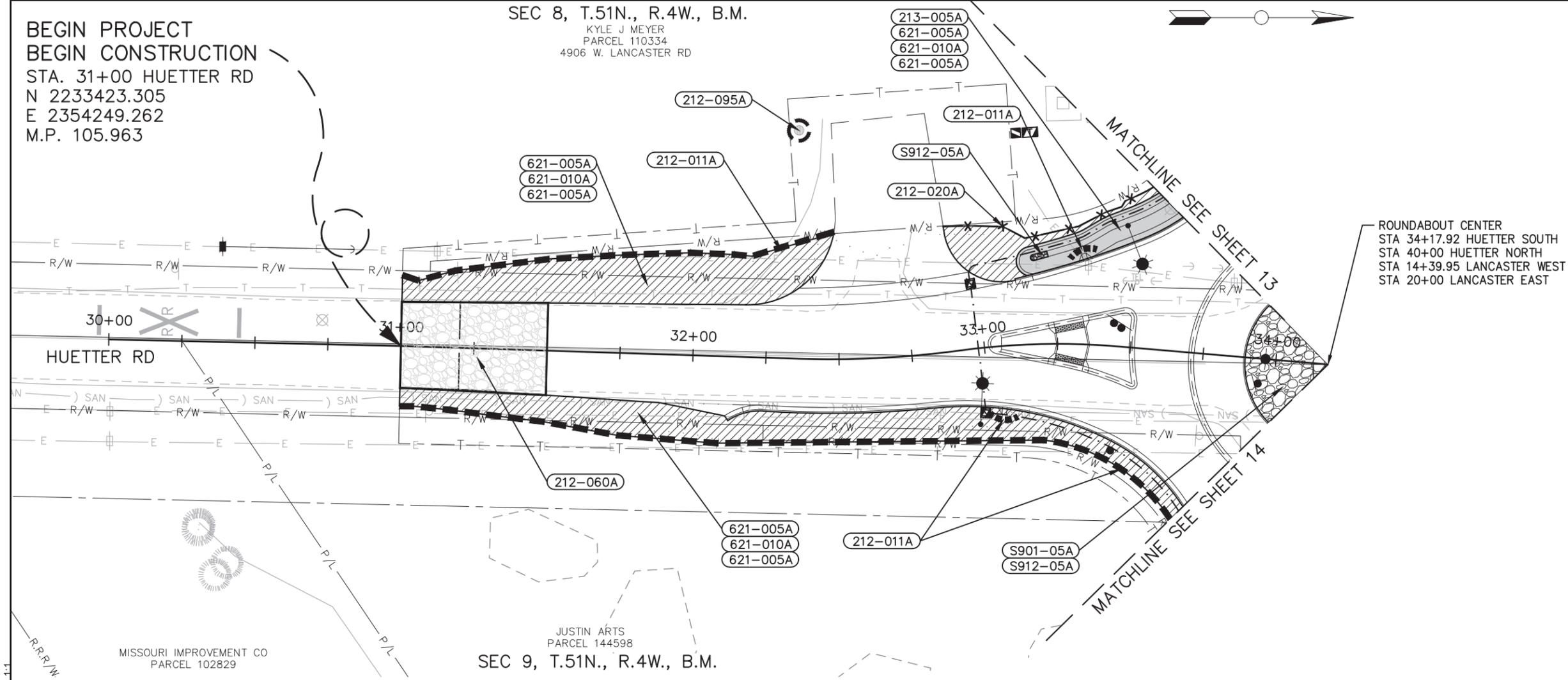
English
COUNTY
KOOTENAI
KEY NUMBER
22875
SHEET 36 OF 52



BEGIN PROJECT
 BEGIN CONSTRUCTION
 STA. 31+00 HUETTER RD
 N 2233423.305
 E 2354249.262
 M.P. 105.963

SEC 8, T.51N., R.4W., B.M.

KYLE J MEYER
 PARCEL 110334
 4906 W. LANCASTER RD



ROUNDABOUT CENTER
 STA 34+17.92 HUETTER SOUTH
 STA 40+00 HUETTER NORTH
 STA 14+39.95 LANCASTER WEST
 STA 20+00 LANCASTER EAST

- (212-060A) STABILIZED CONSTRUCTION ENTRANCE
1 EACH, STA. 31+00 TO 31+50
- (212-011A) FIBER WATTLE
SEE DETAILS
150 FT, STA. 31+00 TO 32+48 LT
274 FT, STA. 31+00 TO 33+69 RT
10 FT, STA. 33+04, 25' RT
10 FT, STA. 33+32, 32' LT
- (212-020A) SILT FENCE
77 FT, STA. 32+91, 43' TO 33+53, 55' LT
- (212-095A) INLET PROTECTION
1 EACH,
STA. 32+34, 78' LT
- (213-005A) TOPSOIL (4" DEPTH)
7.2 CY
STA. 32+12 TO 33+64 LT
- (621-005A) SEED BED PREPARATION
0.13 ACRES - DRYLAND SEED
STA 31+00 TO 32+48 LT
STA 32+91 TO 33+64 LT
STA 31+00 TO 33+69 RT
- (621-010A) SEEDING
0.13 ACRES - DRYLAND SEED
STA 31+00 TO 32+48 LT
STA 32+91 TO 33+64 LT
STA 31+00 TO 33+69 RT
- (621-005A) MULCHING
0.13 ACRES
STA. 31+00 TO 32+48 LT
STA. 32+91 TO 33+64 LT
STA. 31+00 TO 33+69 RT
- (S901-05A) IMPORTED GRANITE LANDSCAPE BOULDER
1 EACH, CENTER OF ROUNDABOUT
STA. 33+89 TO 34+17.92 RT & LT
- (S912-05A) WASHED BASALT LANDSCAPE SURFACE
1 SY, SWALE INFILTRATION AREA (2'x5')
STA. 33+17 TO 33+22 LT
70 SY, CENTER OF ROUNDABOUT
STA. 33+89 TO 34+17.92 RT & LT

NOTES:
 1 CONTRACTOR TO PROVIDE ADDITIONAL POLLUTION PREVENTION MEASURES TO MEET ALL POLLUTION PREVENTION PLAN REQUIREMENTS AS DEEMED NECESSARY BY ON-SITE ENGINEER OR FIELD INSPECTOR.



- LAWN CONSTRUCTION AREA (DRYLAND SEED)
- TOPSOIL
- WASHED BASALT LANDSCAPE SURFACE

ORIGINAL STORED
 AT: ITD, District 1
 600 West Prairie,
 Coeur d'Alene, ID

REVISIONS				DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	AJD/MLC	

IDAHO TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO. A022(875)

SURFACE RESTORATION AND POLLUTION PREVENTION PLAN - HUETTER S

SMA-7218

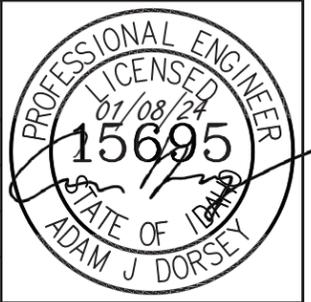
LANCASTER & HUETTER ROUNDABOUT, LAKES HD

English

COUNTY KOOTENAI

KEY NUMBER 22875

SHEET 37 OF 52



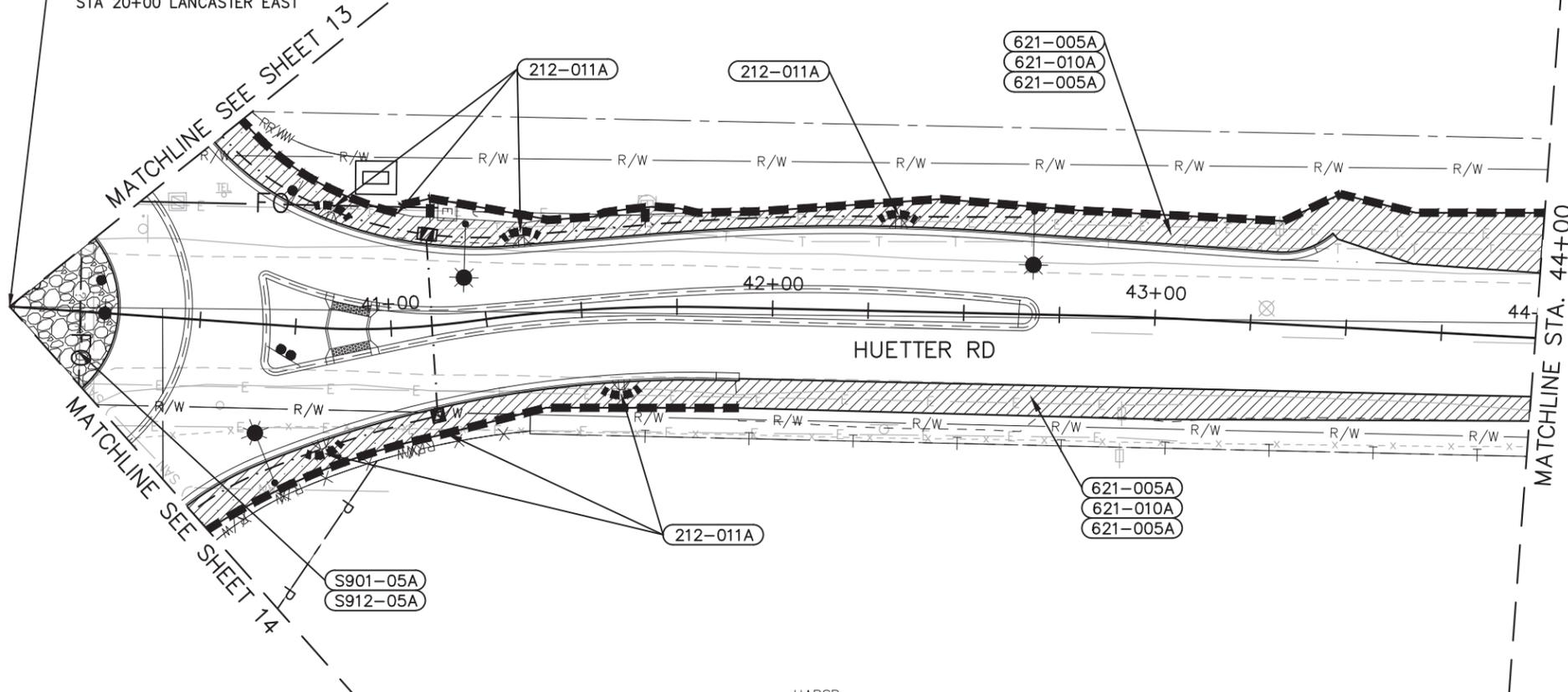
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SEC 5, T.51N., R.4W., B.M.

WKLV LLC
PARCEL 125166



ROUNDAABOUT CENTER
STA 40+00 HUETTER NORTH
STA 34+17.92 HUETTER SOUTH
STA 14+39.95 LANCASTER WEST
STA 20+00 LANCASTER EAST

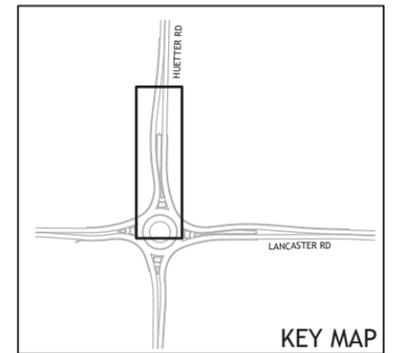


HARSB
PARCEL 138248
SEC 4, T.51N., R.4W., B.M.

- (212-011A) FIBER WATTLE**
SEE DETAILS
145 FT, STA. 40+56 TO 41+92 RT
353 FT, STA. 40+57 TO 44+00 LT
10 FT, STA. 40+84, 32' LT
10 FT, STA. 40+84, 33' RT
10 FT, STA. 41+36, 22' LT
10 FT, STA. 41+60, 23' RT
10 FT, STA. 42+32, 25' LT
- (621-005A) SEED BED PREPARATION**
0.13 ACRES – DRYLAND SEED
STA. 40+50 TO 44+00 LT
STA. 40+50 TO 44+00 RT
- (621-010A) SEEDING**
0.13 ACRES – DRYLAND SEED
STA. 40+50 TO 44+00 LT
STA. 40+50 TO 44+00 RT
- (621-015A) MULCHING**
0.13 ACRES
STA. 40+50 TO 44+00 LT
STA. 40+50 TO 44+00 RT
- (S901-05A) IMPORTED GRANITE LANDSCAPE BOULDER**
1 EACH, CENTER OF ROUNDAABOUT
STA. 40+00 TO 40+28.5 RT & LT
- (S912-05A) WASHED BASALT LANDSCAPE SURFACE**
69 SY, CENTER OF ROUNDAABOUT
STA. 40+00 TO 40+28.5 RT & LT

NOTES:
 CONTRACTOR TO PROVIDE ADDITIONAL POLLUTION PREVENTION MEASURES TO MEET ALL POLLUTION PREVENTION PLAN REQUIREMENTS AS DEEMED NECESSARY BY ON-SITE ENGINEER OR FIELD INSPECTOR.

- LAWN CONSTRUCTION AREA (DRYLAND SEED)
- WASHED BASALT LANDSCAPE SURFACE



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_EROS_005.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 12-11-2024

IDAHO TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

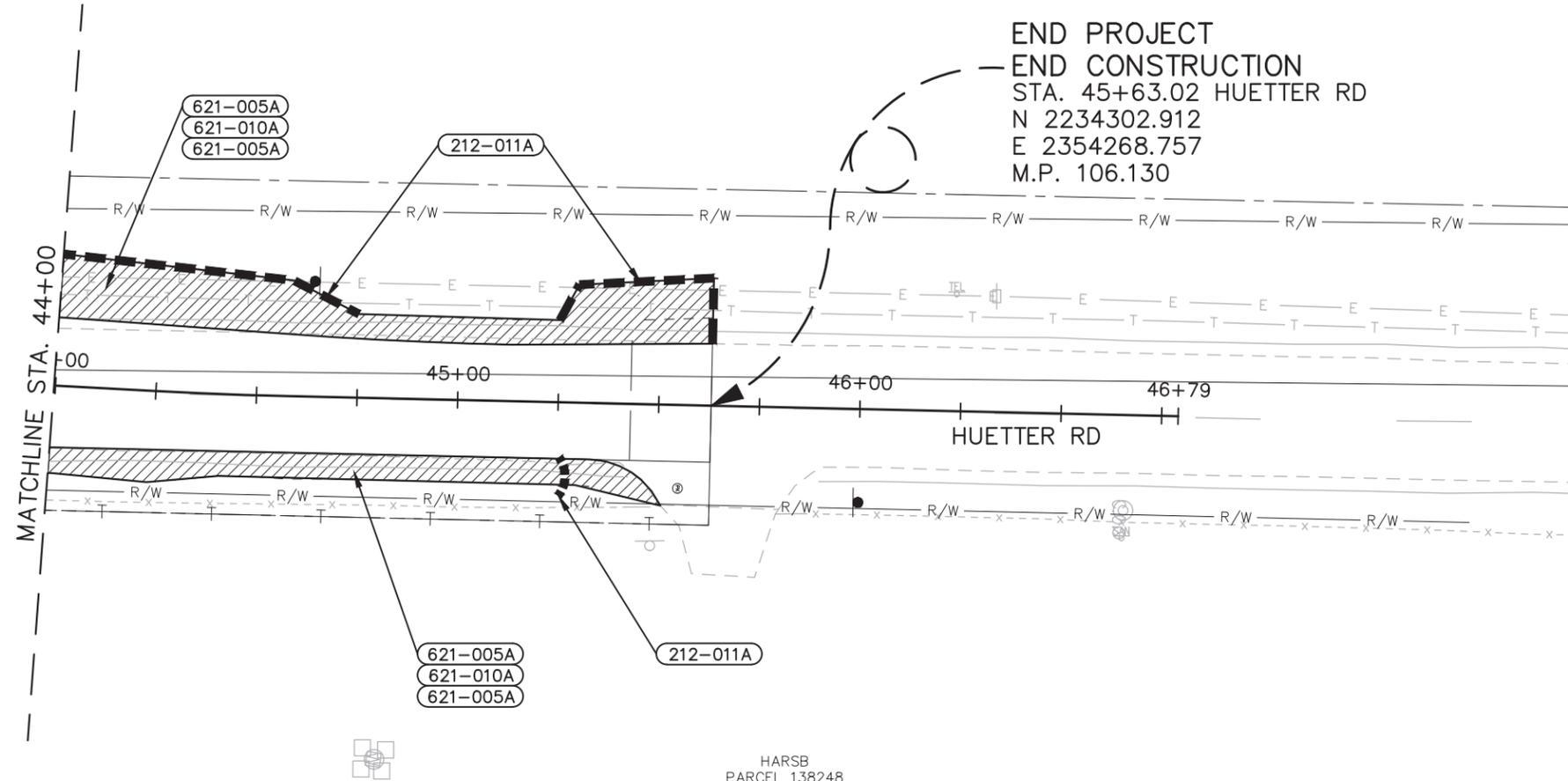
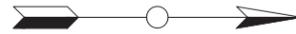
SURFACE RESTORATION AND POLLUTION PREVENTION PLAN – HUETTER N
SMA-7218
LANCASTER & HUETTER ROUNDAABOUT, LAKES HD

English
COUNTY
KOOTENAI
KEY NUMBER
22875
SHEET **38** OF **52**

N:\Civil3D\Projects\1220\Production Drawings\ITD_DESIGN\22875_EROS_005.dwg_12/16/2024 5:42:10 PM_jyaude_1.1

SEC 5, T.51N., R.4W., B.M.

WKLV LLC
PARCEL 125166



END PROJECT
END CONSTRUCTION
STA. 45+63.02 HUETTER RD
N 2234302.912
E 2354268.757
M.P. 106.130

HARSB
PARCEL 138248
SEC 4, T.51N., R.4W., B.M.

212-011A FIBER WATTLE
SEE DETAILS
76 FT, STA. 44+00 TO 44+75 LT
60 FT, STA. 45+25 TO 45+63 LT
10 FT, STA. 45+27 RT

621-005A SEED BED PREPARATION
0.07 ACRES - DRYLAND SEED
STA. 44+00 TO 45+63 LT
STA. 44+00 TO 45+63 RT

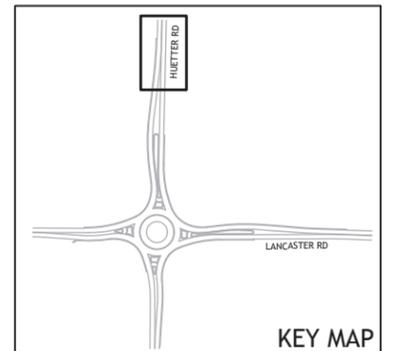
621-010A SEEDING
0.07 ACRES - DRYLAND SEED
STA. 44+00 TO 45+63 LT
STA. 44+00 TO 45+63 RT

621-015A MULCHING
0.07 ACRES
STA. 44+00 TO 45+63 LT
STA. 44+00 TO 45+63 RT

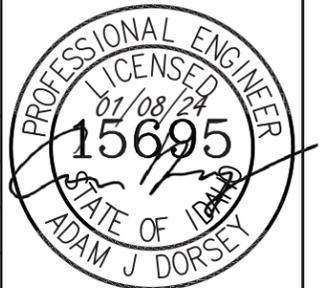
NOTES:

- 1 CONTRACTOR TO PROVIDE ADDITIONAL POLLUTION PREVENTION MEASURES TO MEET ALL POLLUTION PREVENTION PLAN REQUIREMENTS AS DEEMED NECESSARY BY ON-SITE ENGINEER OR FIELD INSPECTOR.

LAWN CONSTRUCTION AREA (DRYLAND SEED)



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_EROS_005.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 12-11-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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SURFACE RESTORATION AND POLLUTION PREVENTION PLAN - HUETTER N
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

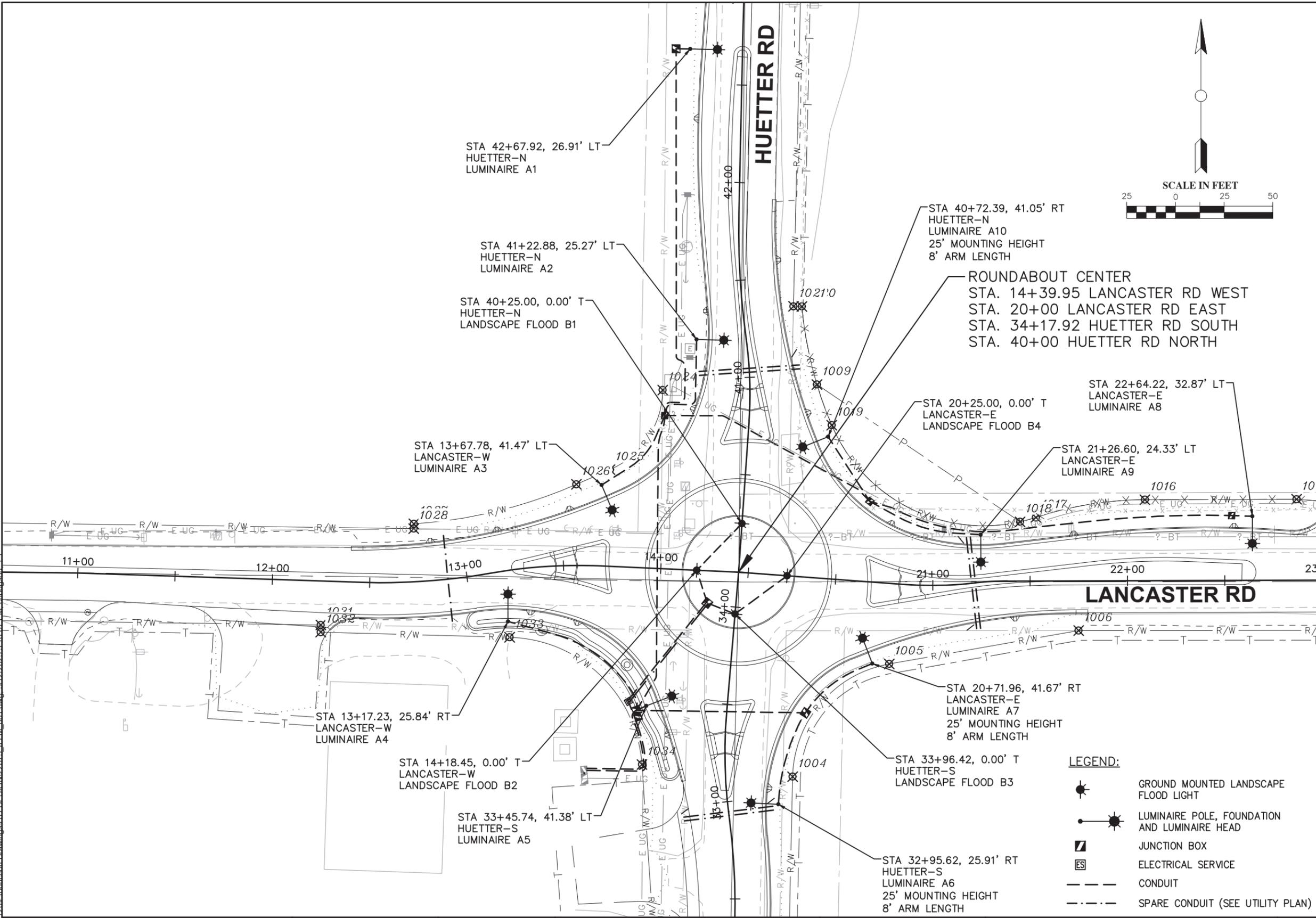
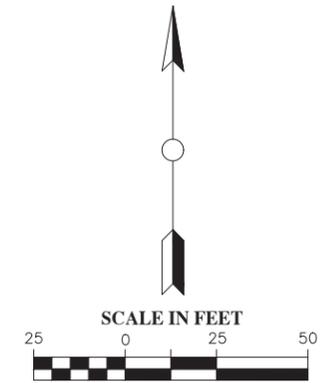
English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 39 OF 52

ITEM NO.	QUAN.	DESCRIPTION	ITEM NO.	QUAN.	DESCRIPTION
		ITEM 619-010A – ILLUMINATION TY 2 CONTRACTOR SUPPLIED MATERIALS			
1	10	LUMINAIRE, 20 WATT LED FLOOD LIGHT. TO BE HYDREL 4640KM OR APPROVED EQUAL. ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO INSTALL THE FLOOD LIGHTS INCLUDING BUT NOT LIMITED TO CONDUCTORS, CONNECTIONS, SPLICES, AND JUNCTION BOXES ARE CONSIDERED INCIDENTAL.			
2	1	SINGLE-METERED UNDERGROUND SERVICE PEDESTAL AND CONCRETE FOUNDATION TO BE MEYERS POWER PRODUCTS, MEUG20 OR APPROVED EQUAL. PEDESTAL TO INCLUDED PHOTOELECTRIC CONTROL, QUICK RESPONSE, TWIST LOCKING TYPE 240 VOLT.			
3	VAR	MISCELLANEOUS ITEMS IN INCLUDE CONDUIT, AND VARIOUS OTHER ITEMS HARDWARE, AND FITTINGS TO COMPLETE THE INSTALLATION AS DEPICTED IN THE PLANS.			

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<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>NO.</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>				REVISIONS				NO.	DATE	BY	DESCRIPTION																					<table border="1"> <tr> <td>DESIGNED</td> <td>AJD/CSH</td> </tr> <tr> <td>DESIGN CHECKED</td> <td>AJD/MLC</td> </tr> <tr> <td>DETAILED</td> <td>SDS</td> </tr> <tr> <td>DRAWING CHECKED</td> <td>AJD/CSH/MLC</td> </tr> </table>		DESIGNED	AJD/CSH	DESIGN CHECKED	AJD/MLC	DETAILED	SDS	DRAWING CHECKED	AJD/CSH/MLC	<table border="1"> <tr> <td>SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY</td> </tr> <tr> <td>CADD FILE NAME 22875_JLLM_003.DWG</td> </tr> <tr> <td>DRAWING DATE: 09-14-2022</td> </tr> </table>		SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	CADD FILE NAME 22875_JLLM_003.DWG	DRAWING DATE: 09-14-2022	<p style="text-align: center;">IDAHO TRANSPORTATION DEPARTMENT</p>  <p style="text-align: center;">WELCH COMER ENGINEERS</p>		<table border="1"> <tr> <td>PROJECT NO.</td> <td>A022(875)</td> </tr> </table>		PROJECT NO.	A022(875)	<table border="1"> <tr> <td>ILLUMINATION MATERIALS LIST</td> <td>SMA-7218</td> </tr> <tr> <td></td> <td>LANCASTER & HUETTER</td> </tr> <tr> <td></td> <td>ROUNDAABOUT, LAKES HD</td> </tr> </table>		ILLUMINATION MATERIALS LIST	SMA-7218		LANCASTER & HUETTER		ROUNDAABOUT, LAKES HD	<table border="1"> <tr> <td>ORIGINAL STORED AT: ITD, District 1 600 West Prairie, Coeur d'Alene, ID</td> </tr> </table>		ORIGINAL STORED AT: ITD, District 1 600 West Prairie, Coeur d'Alene, ID	<table border="1"> <tr> <td>English</td> </tr> <tr> <td>COUNTY KOOTENAI</td> </tr> <tr> <td>KEY NUMBER 22875</td> </tr> <tr> <td>SHEET 40 OF 52</td> </tr> </table>		English	COUNTY KOOTENAI	KEY NUMBER 22875	SHEET 40 OF 52		
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SHEET 40 OF 52																																																																							

619-010A ILLUMINATION TY 2
 LS
 BASES, SEE ILLUMINATION DETAILS
 CONDUITS - LUMINARIES (2")
 602 FT, STA. 33+18.06 LT HUETTER N TO
 STA. 42+67.92 LT HUETTER N
 466 FT, STA. 13+67.78 LT LANCASTER W TO
 STA. 22+64.22 LT LANCASTER E
 271 FT, STA. 13+17.23 RT LANCASTER W TO
 STA. 20+71.96 RT LANCASTER E
 CONDUITS - LANDSCAPE FLOOD LIGHTS (2")
 64.7 FT, STA. 33+47.4 LT HUETTER N TO
 STA. 34+00.9 LT HUETTER N
 100 FT, CENTER OF ROUNDABOUT
 CONDUITS - SPARE
 44 FT, LANCASTER W (4")
 STA. 12+90, 22.5' LT TO 21.5' RT
 47 FT, LANCASTER E (4")
 STA. 21+20, 23.5' LT TO 23.5' RT
 47 FT, LANCASTER E (2")
 STA. 21+22, 23.5' LT TO 23.5' RT
 46 FT, HUETTER S (4")
 STA. 32+93, 23' LT TO 23' RT
 46 FT, HUETTER S (4")
 STA. 32+95, 23' LT TO 23' RT
 51.5 FT, HUETTER N (4")
 STA. 41+02.5, 25.75' LT TO 25.75' RT
 51.5 FT, HUETTER N (4")
 STA. 41+04.5, 25.75' LT TO 25.75' RT
 64.7 FT, HUETTER N (4") TO RNDABT CENTER
 STA. 33+47, 51.1' LT TO 34+01.47' LT



- NOTES:**
- ALL LUMINAIRES TO HAVE 35' MOUNTING HEIGHT AND 8' ARM LENGTH UNLESS OTHERWISE NOTED.
 - POLES AND LUMINAIRES SHALL HAVE A MINIMUM CLEARANCE OF 10 FT VERTICAL OR 12 FT HORIZONTAL SEPARATION FROM POWER LINES.
 - UNDERGROUND SERVICE PEDESTAL, CONCRETE POLE FOUNDATIONS, BREAKAWAY BASES, RIGID PLASTIC CONDUIT, AND CENTER ISLAND FLOOD LIGHTS TO BE SUPPLIED AND INSTALLED BY CONTRACTOR.
 - JUNCTION BOXES AND GROUND RODS TO BE SUPPLIED BY KEC AND INSTALLED BY THE CONTRACTOR.
 - STEEL POLES WITH MAST ARMS, OVERHEAD LUMINAIRES, CONDUCTORS, GROUND WIRE, SPLICE KITS, AND FUSES WILL BE SUPPLIED AND INSTALLED BY KEC. COORDINATE BREAKAWAY BASE COUPLER PATTERN WITH KEC.
 - ELECTRICAL SERVICE PEDESTAL WITH METER IS CONNECTED ONLY TO CENTER ISLAND LANDSCAPE FLOOD LIGHTS. ELECTRICAL SERVICE AND PEDESTAL, INCIDENTAL TO ILLUMINATION. SEE ILLUMINATION DETAILS.
 - PERFORM EXPLORATORY EXCAVATION TO LOCATE EXISTING UTILITIES PRIOR TO PLACING LIGHT POLE FOUNDATION.

LEGEND:

- GROUND MOUNTED LANDSCAPE FLOOD LIGHT
- LUMINAIRE POLE, FOUNDATION AND LUMINAIRE HEAD
- JUNCTION BOX
- ELECTRICAL SERVICE
- CONDUIT
- SPARE CONDUIT (SEE UTILITY PLAN)

ORIGINAL STORED
 AT: 1TD, District 1
 600 West Prairie,
 Coeur d'Alene, ID



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REVISIONS				DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	AJD/MLC	
						CADD FILE NAME 22875_ILLM_001.DWG

IDAHO
TRANSPORTATION
DEPARTMENT

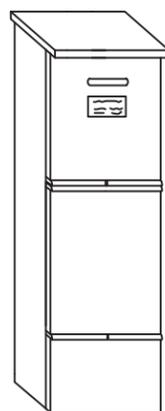
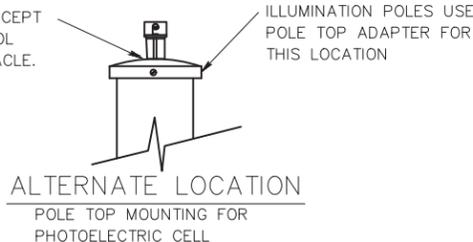
WELCH COMER ENGINEERS

PROJECT NO.
 A022(875)

ILLUMINATION PLAN
SMA-7218
LANCASTER & HUETTER
ROUNDABOUT, LAKES HD

English
 COUNTY
 KOOTENAI
 KEY NUMBER
 22875
 SHEET 41 OF 52

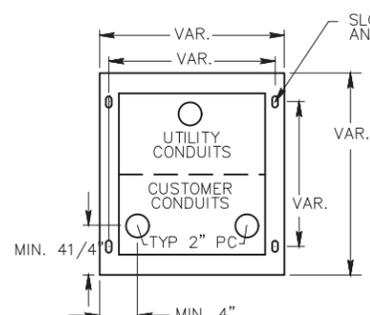
DRILL POLE CAP TO ACCEPT PHOTOELECTRIC CONTROL LOCKING TYPE RECEPTACLE. (SIGNAL POLES ONLY)



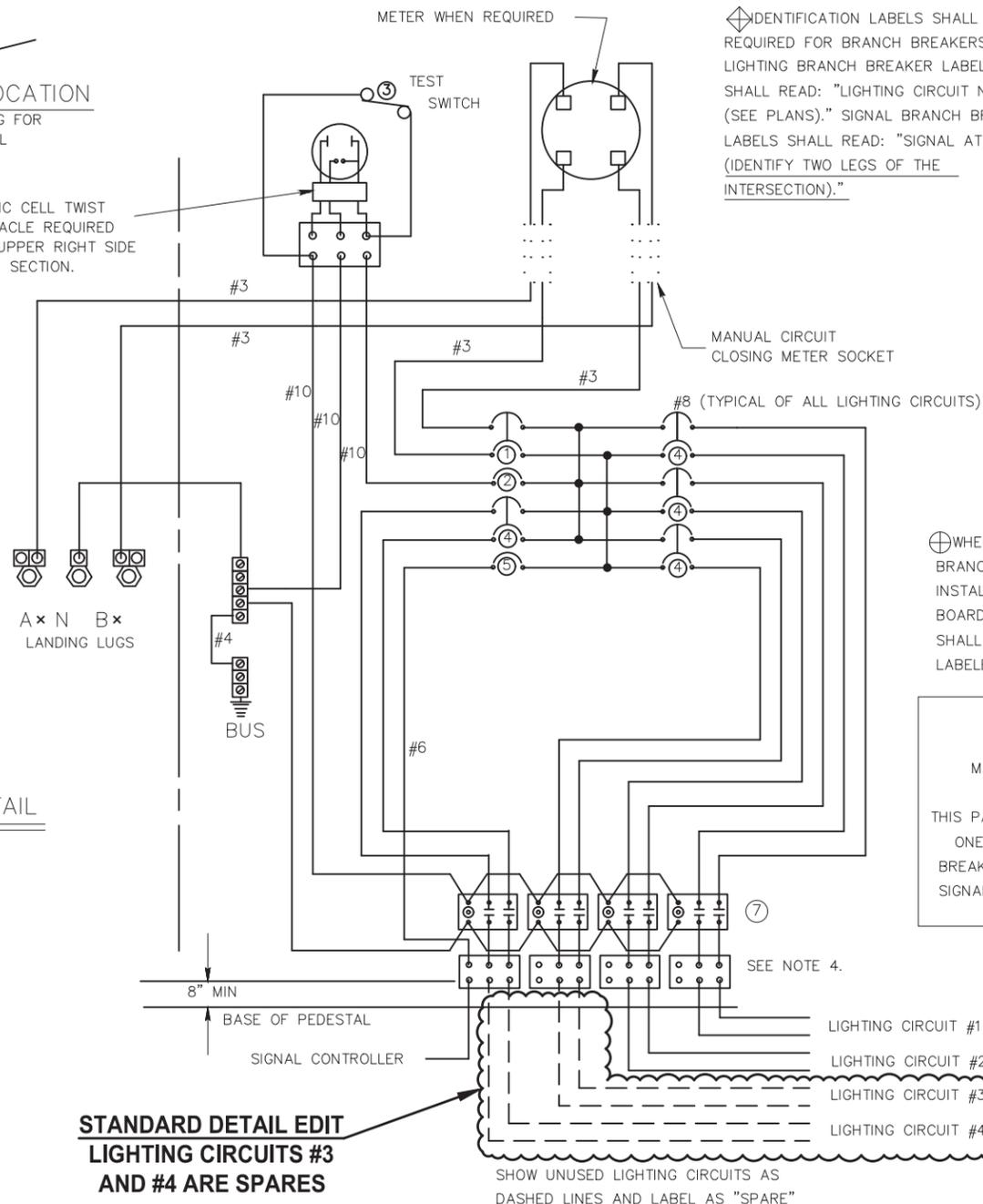
TYPICAL SERVICE PEDESTAL

SEE STANDARD DRAWING 1-7-A FOR FOUNDATION DETAIL

PEDESTAL FLANGE MOUNTING DETAIL



TO BE FURNISHED WITH 4 EACH 5/8" x 6" x 2"-13 NC ANCHOR BOLTS. NO SLEEVE REQUIRED.



STANDARD DETAIL EDIT
LIGHTING CIRCUITS #3
AND #4 ARE SPARES

NOTE
IDENTIFICATION LABELS SHALL BE REQUIRED FOR BRANCH BREAKERS. LIGHTING BRANCH BREAKER LABELS SHALL READ: "LIGHTING CIRCUIT NO. (SEE PLANS)." SIGNAL BRANCH BREAKER LABELS SHALL READ: "SIGNAL AT (IDENTIFY TWO LEGS OF THE INTERSECTION)."

NOTE
WHEN SIGNAL & LIGHTING BRANCH BREAKERS ARE INSTALLED IN SAME PANEL BOARD, THE MAIN BREAKER SHALL BE PERMANENTLY LABELED AS FOLLOWS:

WARNING
DO NOT USE MAIN BREAKER AS A DISCONNECT
THIS PANEL BOARD CONTAINS ONE OR MORE BRANCH BREAKERS CONTROLLING A SIGNALIZED INTERSECTION

SERVICE CABINET SCHEDULE

ITEM	CLASS "B"
① MAIN BREAKER	(SEE SCHEDULE)
② CONTROL BREAKER	1P-15A 120/240 VOLT
③ TEST SWITCH	SPST-15A 120/240 volt
④ LIGHTING BRANCH BREAKER	2P-120/240 VOLT (SEE DETAIL)
⑤ SIGNAL CONTROL BREAKER	1P-120/240 VOLT (SEE SCHEDULE)
⑥ NEMA 14-50R	120/240 VOLT
⑦ LIGHTING CONTACTOR	8P (ANY COMBINATION)
⑧ FLASHER CONTROL BREAKER	1P-120/240 VOLT (SEE SCHEDULE)
⑨ RECEPTACLE BRANCH BREAKER	2P-120/240 VOLT (SEE SCHEDULE)

BREAKER RATING SCHEDULE

CLASS "B"	
ITEM	NO. OF LIGHTING CIRCUITS
MAIN BREAKER	100 AMP 2P
LIGHTING BRANCH BREAKER	30 AMP 2P
SIGNAL CONTROL BREAKER	60 AMP 1P
LIGHTING CONTACTOR	30 AMP 4P
FLASHER CONTROL BREAKER	
SERVICE WIRE	NO. 3 THWN

NOTES:

- SERVICE CABINETS SHALL BE NEMA TYPE 3R. TO BE FURNISHED WITH A PADLOCK HASP.
- DEAD FRONT CONSTRUCTION IS REQUIRED ON ALL CABINETS.
- PLUG-IN TYPE BREAKERS SHALL BE USED ON "B" SERVICES. MAIN BREAKERS SHALL BE BOLT RETAINED.
- PRESSURE TYPE TERMINALS SHALL BE REQUIRED FOR #8 THROUGH #2 AWG. WIRE.
- ALL SERVICES SHALL BE U.L. LABELED FOR MAXIMUM 100 AMP BUS RATING, AND "APPROVED FOR SERVICE ENTRANCE EQUIPMENT."
- THE MAIN BREAKER LABEL SHALL BE MADE OF RED ON WHITE PLASTIC LAMINATE. THE BRANCH BREAKER LABELS SHALL BE MADE OF BLACK ON WHITE PLASTIC LAMINATE. THE LEGENDS SHALL BE ENGRAVED INTO THE STRIP SO AS TO PROVIDE WHITE LEGEND ON THE REQUIRED BACKGROUND. THE LABELS SHALL BE PERMANENTLY ATTACHED TO THE DEAD FRONT, NEXT TO THE CORRESPONDING BREAKERS.
- LIGHTING CONTACTORS, LIGHTING & SIGNAL BRANCH CIRCUIT BREAKERS TO BE FACTORY INSTALLED.
- BRANCH CIRCUIT WIRE AND PHOTOELECTRIC CONTROL TO BE SUPPLIED BY THE CONTRACTOR.
- ALL BUSSING TO BE 100 AMP RATED.
- WIRING SHALL BE THWN/MTW 600V 90°C RATED.

STANDARD DETAIL EDIT
SERVICE PEDESTAL IS FOR LANDSCAPE FLOOD LIGHTS IN CENTER OF THE ROUNDABOUT. CONTRACTOR TO MODIFY WIRING/BREAKER SCHEDULE ACCORDINGLY

TYPE 1 SERVICE

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	09-07	NQB	REVISED TEXT AND BORDER SHEET
2	01-09	NQB	ADD VAR. TO FLANGE DETAIL

DESIGNED	SCALE	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	SCALE	SCALE
DETAILED	CADD FILE NAME	td01_0109.dgn
DRAWING CHECKED	DRAWING DATE:	June, 1993

IDAHO TRANSPORTATION DEPARTMENT



PROJECT NO.	td-01
SIGNALIZATION AND ILLUMINATION ELECTRICAL SERVICE PEDESTAL CONTROLLER FOUNDATION MOUNTED	

English
COUNTY
KEY NUMBER
SHEET OF

ORIGINAL STORED AT: ITD, District 1 600 West Prairie, Coeur d'Alene, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALE	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	SCALE	SCALE
DETAILED	SDS	CADD FILE NAME	22875_JLLM_002.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE:	01-04-2024

IDAHO TRANSPORTATION DEPARTMENT

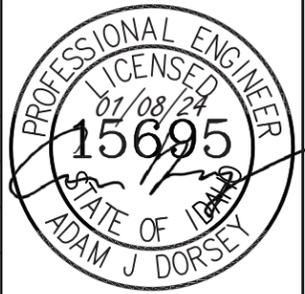


WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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ILLUMINATION DETAILS
SMA-7218
LANCASTER & HUETTER
ROUNDABOUT, LAKES HD

English	
COUNTY	KOOTENAI
KEY NUMBER	22875
SHEET	42 OF 52



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SIGN ASSEMBLY	STATION, OFFSET	RAMP NO. OR LOCAL STREET	FOUNDATION SIZE (INCHES)	POST TYPE	OFFSET FROM SHLD. OR FACE OF CURB TO POST 1 CENTER (FT)	DISTANCE BETWEEN POSTS (IF USING 2 OR 3 POSTS, FT)	POST 1 LENGTH * (FT)	POST 2 LENGTH* (IF USING 2 OR 3 POSTS, FT)	POST 3 LENGTH* (IF USING 3 POSTS, FT)	DISTANCE FROM SHOULDER OR TOP OF CURB TO SIGN BOTTOM (FT)	SIGN TYPE	SIGN DESIGNATION	SIGN SIZE** (INXIN)	SIGN AREA (SF)	SIGN BACKGROUND COLOR**	MAIN SIGN LEGEND COLOR**	SIGN BRACE WEIGHT (LBS)	SIGN BRACKET WEIGHT (LBS)	BRACKET NUMBER	NOTES (SIGN LEGEND, SIGN DESCRIPTION, ETC...)
1	9+76 RT	LANCASTER W	8x8x36	E-2	8.4		14.59			7.59	B-1	W2-6	30 x 30	6.25	YELLOW	BLACK	-	-	-	ROUNDAABOUT AHEAD INTERSECTION WARNING
											B-1	W13-1P	18 x 18	2.25	YELLOW	BLACK	-	-	-	15 MPH
2	10+00 LT	LANCASTER W	8x8x36	E-1	10.2		13.06			9.56	B-1	R2-1	24 x 30	5.00	WHITE	BLACK	-	-	-	45 MPH
3	13+67 RT	LANCASTER W	8x8x36	E-2	3		12.36			7.36	B-1	R1-2	36 x 36	4.50	RED/WHT	RED	-	-	-	YIELD
4	13+66 LT	LANCASTER W	8x8x36	E-1	5	3	10.00	10.00		7.03	B-1	D1-1d	63 x 12	5.30	GREEN	WHITE	-	-	-	LANCASTER RD WITH ARROW RT
5	14+16 RT	LANCASTER W	8x8x36	E-1	3		10.00			7	B-1	R6-4	30 x 24	5.00	WHITE	BLACK	-	-	-	ROUNDAABOUT DIRECTIONAL DOUBLE CHEVRON
6	20+24 LT	LANCASTER E	8x8x36	E-1	3		10.00			7	B-1	R6-4	30 x 24	5.00	WHITE	BLACK	-	-	-	ROUNDAABOUT DIRECTIONAL DOUBLE CHEVRON
7	20+73 LT	LANCASTER E	8x8x36	E-2	3		13.00			8	B-1	R1-2	36 x 36	4.50	RED/WHT	RED	-	-	-	YIELD
8	20+73 RT	LANCASTER E	8x8x36	E-1	5	3	9.00	9.00		7	B-1	D1-1d	63 x 12	5.30	GREEN	WHITE	-	-	-	LANCASTER RD WITH ARROW RT
9	23+89 RT	LANCASTER E	8x8x36	E-2	8.2		13.62			8.62	B-1	W10-1	36 x 36	7.00	ORANGE	BLACK	-	-	-	RR CROSSING WARNING SIGN
10	24+64 LT	LANCASTER E	8x8x36	E-2	8.3		14.89			7.89	B-1	W2-6	30 x 30	6.25	YELLOW	BLACK	-	-	-	ROUNDAABOUT AHEAD INTERSECTION WARNING
											B-1	W13-1P	18 x 18	2.25	YELLOW	BLACK	-	-	-	15 MPH
11	29+53 RT	HUETTER S	8x8x36	E-2	9		14.07			7.07	B-1	W2-6	30 x 30	6.25	YELLOW	BLACK	-	-	-	ROUNDAABOUT AHEAD INTERSECTION WARNING
											B-1	W13-1P	18 x 18	2.25	YELLOW	BLACK	-	-	-	15 MPH
12	33+46 RT	HUETTER S	8x8x36	E-2	3		13.00			8	B-1	R1-2	36 x 36	4.50	RED/WHT	RED	-	-	-	YIELD
13	33+45 LT	HUETTER S	8x8x36	E-1	5	3	9.00	9.00		7	B-1	D1-1d	55 x 12	4.60	GREEN	WHITE	-	-	-	HUETTER RD WITH ARROW RT
14	33+94 RT	HUETTER S	8x8x36	E-1	3		10.00			7	B-1	R6-4	30 x 24	5.00	WHITE	BLACK	-	-	-	ROUNDAABOUT DIRECTIONAL DOUBLE CHEVRON
15	40+23 LT	HUETTER N	8x8x36	E-1	3		10.00			7	B-1	R6-4	30 x 24	5.00	WHITE	BLACK	-	-	-	ROUNDAABOUT DIRECTIONAL DOUBLE CHEVRON
16	40+73 RT	HUETTER N	8x8x36	E-1	5	3	9.00	9.00		7	B-1	D1-1d	55 x 12	4.60	GREEN	WHITE	-	-	-	HUETTER RD WITH ARROW RT
17	40+72 LT	HUETTER N	8x8x36	E-2	3		13.00			8	B-1	R1-2	36 x 36	6.25	RED/WHT	RED	-	-	-	YIELD
18	44+64 LT	HUETTER N	8x8x36	E-2	13.5		16.33			9.33	B-1	W2-6	30 x 30	6.25	YELLOW	BLACK	-	-	-	ROUNDAABOUT AHEAD INTERSECTION WARNING
											B-1	W13-1P	18 x 18	2.25	YELLOW	BLACK	-	-	-	15 MPH
19	46+00 RT	HUETTER N	8x8x36	E-1	8.7		11.75			8.25	B-1	R2-1	24 x 30	5.00	WHITE	BLACK	-	-	-	35 MPH

* POST LENGTHS ARE APPROXIMATE. FINALIZE POST LENGTHS IN THE FIELD BEFORE ASSEMBLY.

** FABRICATE SIGNS IN ACCORDANCE WITH THE FHWA STANDARD HIGHWAY SIGNS AND MARKINGS (SHSM) BOOK, FHWA SHSM SUPPLEMENT, ITD SHSM SUPPLEMENT, AR AS SPECIFIED.

ORIGINAL STORED AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_SIGN_001.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 09-14-2023

IDAHO
TRANSPORTATION
DEPARTMENT

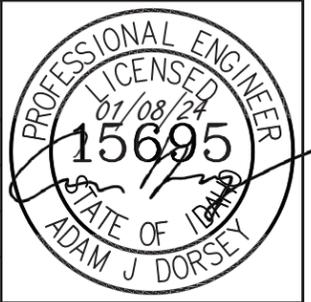


WELCH COMER ENGINEERS

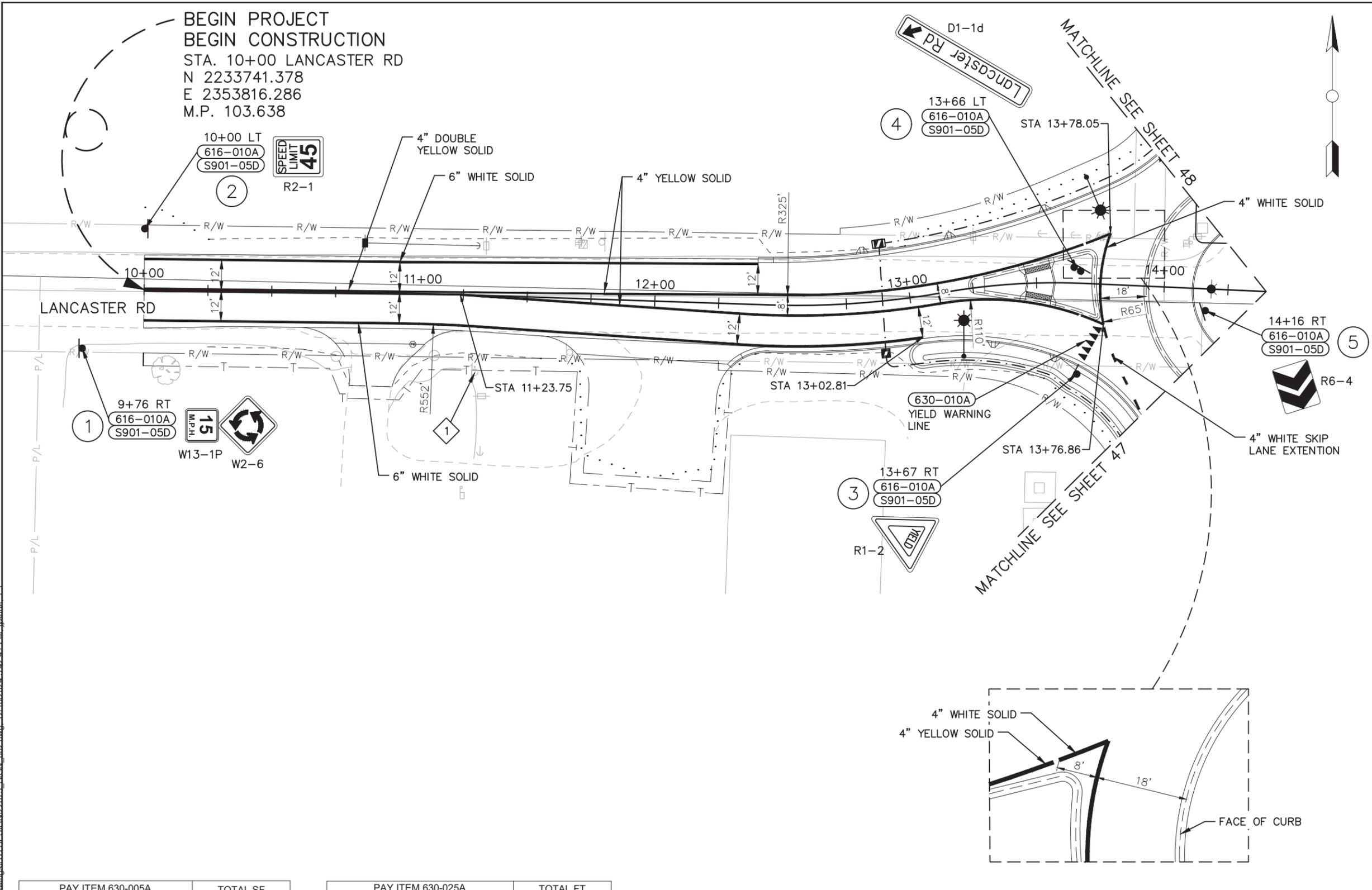
PROJECT NO.
A022(875)

SIGNING ERECTION SPECIFICATIONS
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English
COUNTY
KOOTENAI
KEY NUMBER
22875
SHEET **43** OF **52**

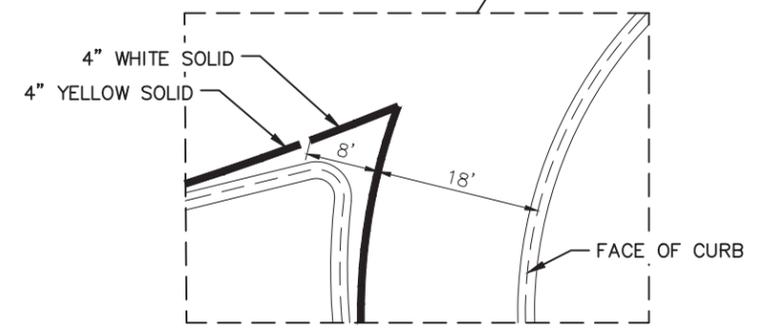


BEGIN PROJECT
 BEGIN CONSTRUCTION
 STA. 10+00 LANCASTER RD
 N 2233741.378
 E 2353816.286
 M.P. 103.638



- 616-010A SIGN TYPE B-1
28.4 SF
- 630-010A TRANSVERSE, WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS - PREFORMED THERMOPLASTIC SEE DETAILS
15 SF
- 630-025A LONGITUDINAL PAVEMENT MARKING - WATERBORNE
1357 FT
- S901-05D SP STEEL SIGN POST
6 EACH

NOTES:
 1 RETAIN AND PROTECT EXISTING BUSINESS SIGN.



PAY ITEM 630-005A	TOTAL SF	PAY ITEM 630-025A	TOTAL FT
YIELD WARNING TRIANGLES	15	4" SOLID	793
		6" SOLID	546
		4" SKIP (2' LINE 2' GAP)	18
TOTAL:	15	TOTAL:	1357

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_SIGN_002.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 02-14-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

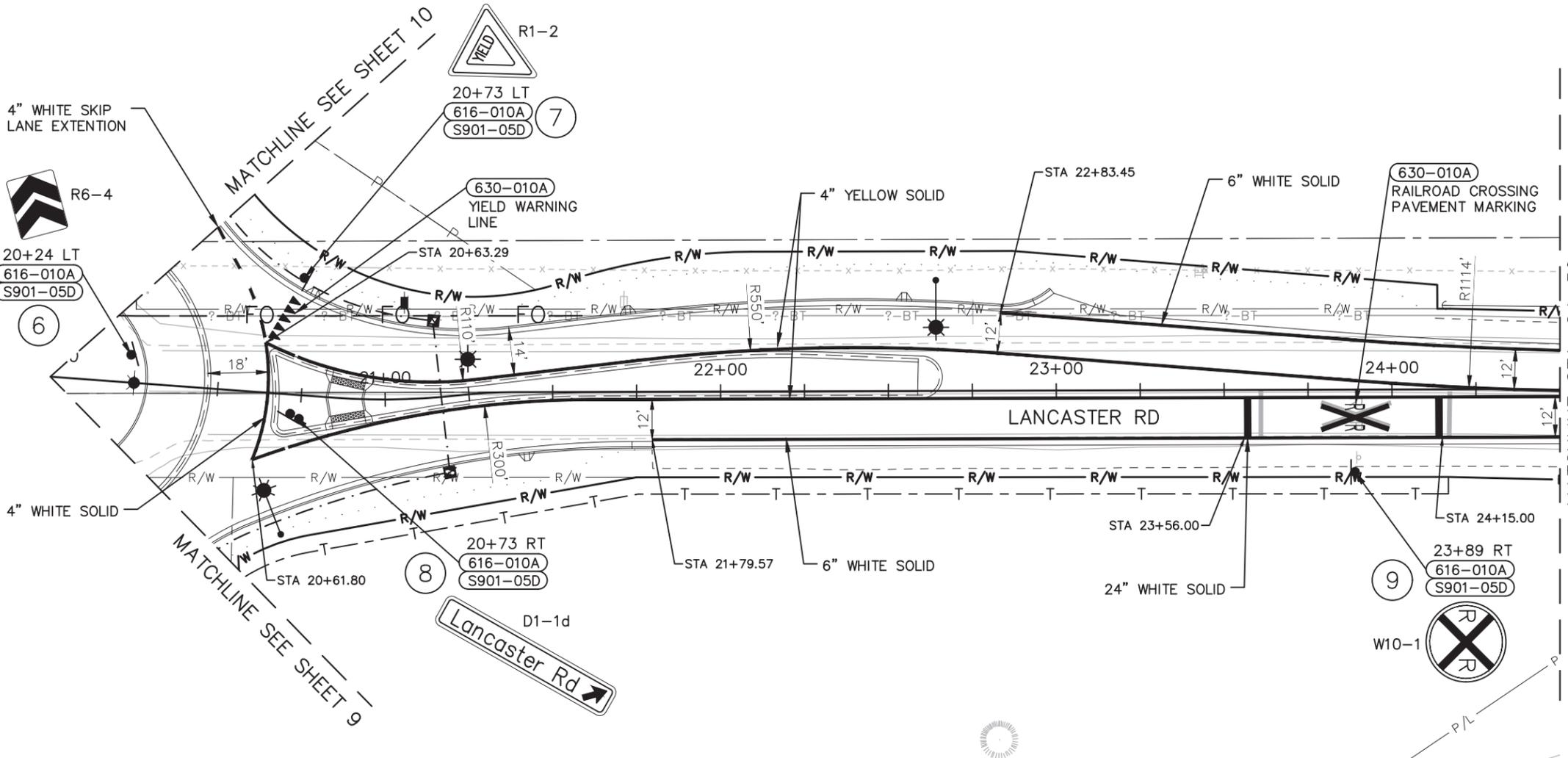
PROJECT NO.
 A022(875)

SIGNING & PAVEMENT MARKINGS PLAN - LANCASTER WEST
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

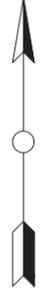
English
 COUNTY
 KOOTENAI
 KEY NUMBER
 22875
 SHEET 44 OF 52

ORIGINAL STORED
 AT: ITD, District 1
 600 West Prairie,
 Coeur d'Alene, ID

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- (616-010A) SIGN TYPE B-1
21.8 SF
- (630-010A) TRANSVERSE, WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS - PREFORMED THERMOPLASTIC SEE DETAILS
80 SF
- (630-025A) LONGITUDINAL PAVEMENT MARKING - WATERBORNE
1293 FT
- (S901-05D) SP STEEL SIGN POST
5 EACH



PAY ITEM 630-005A	TOTAL SF
YIELD WARNING TRIANGLES	15
RAILROAD XING (NOT STOP BARS)	65
TOTAL:	80

PAY ITEM 630-025A	TOTAL FT
4" SOLID	813
6" SOLID	437
24" SOLID	24
4" SKIP (2' LINE 2' GAP)	19
TOTAL:	1293

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_SIGN_003.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 02-14-2024

IDAHO TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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SIGNING & PAVEMENT MARKINGS PLAN - LANCASTER EAST

SMA-7218

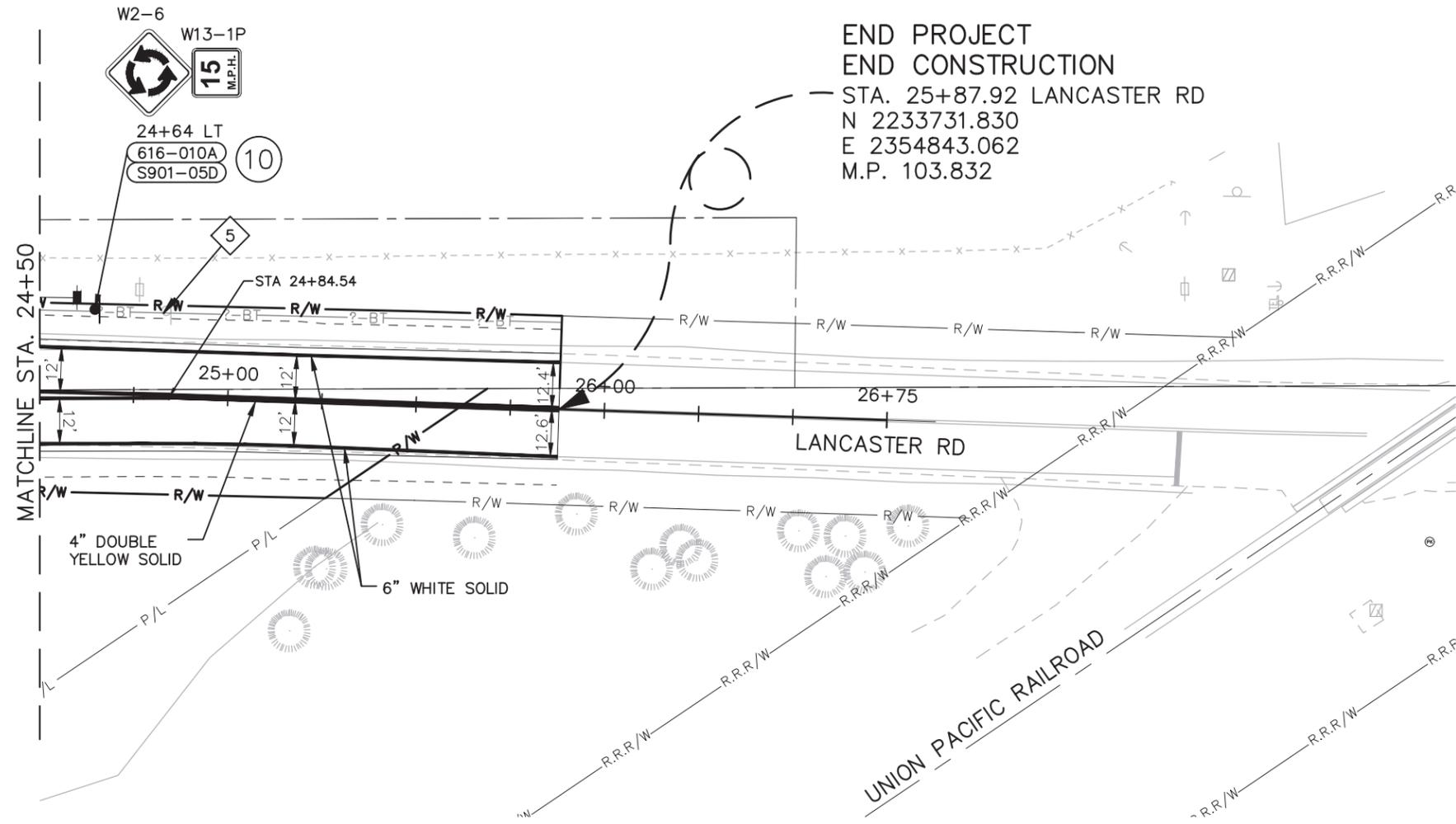
LANCASTER & HUETTER ROUNDABOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 45 OF 52

ORIGINAL STORED AT: ITD, District 1
600 West Prairie, Coeur d'Alene, ID

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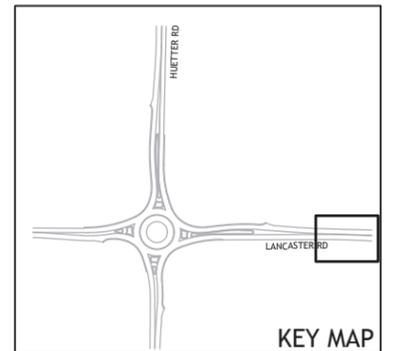


END PROJECT
 END CONSTRUCTION
 STA. 25+87.92 LANCASTER RD
 N 2233731.830
 E 2354843.062
 M.P. 103.832

- (616-010A) SIGN TYPE B-1
8.5 SF
- (630-025A) LONGITUDINAL PAVEMENT MARKING - WATERBORNE
552 FT
- (S901-05D) SP STEEL SIGN POST
1 EACH

NOTES:

- 1 RETAIN AND PROTECT EXISTING SIGN.



PAY ITEM 630-025A	TOTAL FT
4" SOLID	276
6" SOLID	276
TOTAL:	552

REVISIONS				DESIGNED	SCALES SHOWN
NO.	DATE	BY	DESCRIPTION	AJD/CSH	ARE FOR 11" X 17" PRINTS ONLY
				AJD/MLC	
				SDS	CADD FILE NAME 22875_SIGN_003.DWG
				AJD/CSH/MLC	DRAWING DATE: 02-14-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

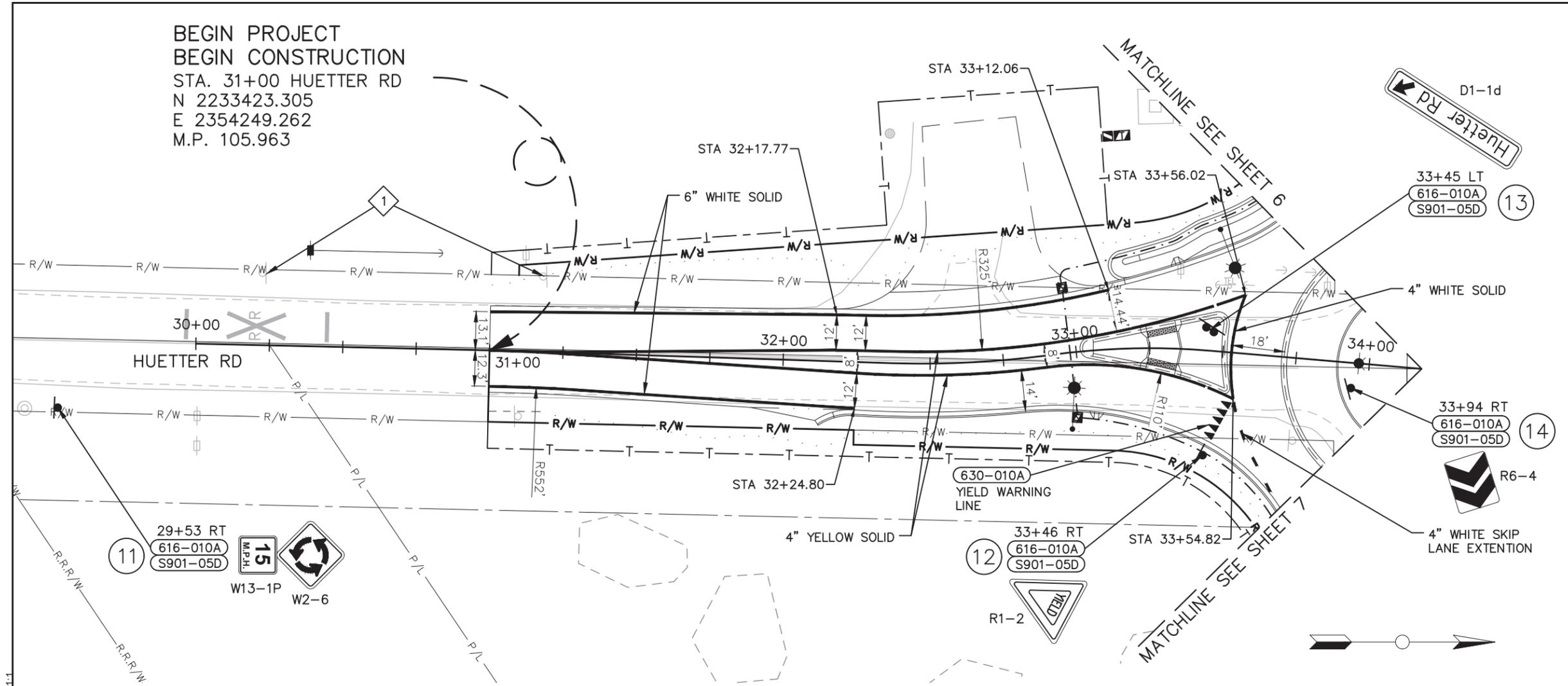
PROJECT NO.
A022(875)

SIGNING & PAVEMENT MARKINGS PLAN - LANCASTER EAST
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English
 COUNTY KOOTENAI
 KEY NUMBER 22875
 SHEET 46 OF 52

ORIGINAL STORED
 AT: ITD, District 1
 600 West Prairie,
 Coeur d'Alene, ID

BEGIN PROJECT
 BEGIN CONSTRUCTION
 STA. 31+00 HUETTER RD
 N 2233423.305
 E 2354249.262
 M.P. 105.963



- (616-010A) SIGN TYPE B-1
22.6 SF
- (630-010A) TRANSVERSE, WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS - PREFORMED THERMOPLASTIC SEE DETAILS
15 SF
- (630-025A) LONGITUDINAL PAVEMENT MARKING - WATERBORNE
902 FT
- (S901-05D) SP STEEL SIGN POST
5 EACH

NOTES:
 1 RETAIN AND PROTECT EXISTING SIGN.



PAY ITEM 630-005A	TOTAL SF
YIELD WARNING TRIANGLES	15
TOTAL:	15

PAY ITEM 630-025A	TOTAL FT
4" SOLID	549
6" SOLID	336
4" SKIP (2' LINE 2' GAP)	17
TOTAL:	902

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_SIGN_004.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 02-14-2024

IDAHO TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

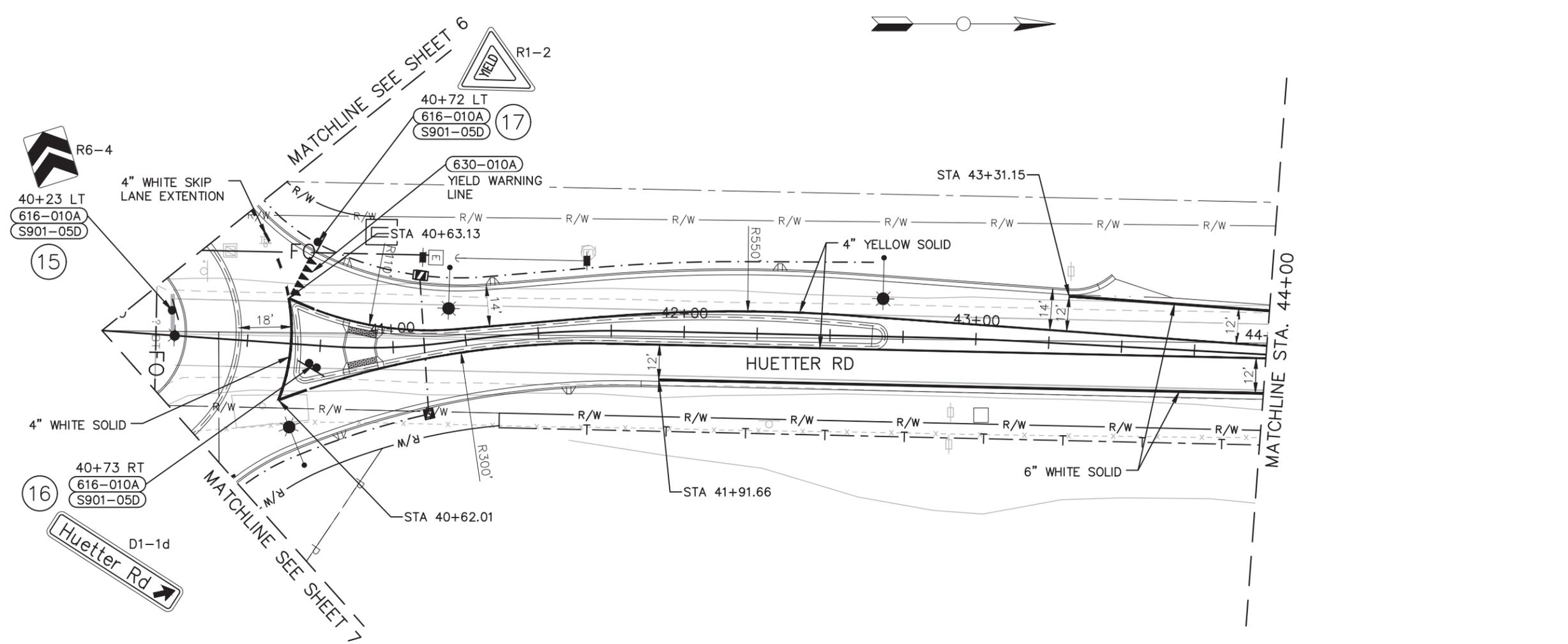
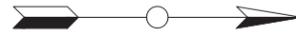
PROJECT NO.
A022(875)

SIGNING & PAVEMENT MARKINGS PLAN - HUETTER SOUTH
SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English
 COUNTY KOOTENAI
 KEY NUMBER 22875
 SHEET 47 OF 52

PROFESSIONAL ENGINEER
 LICENSED
 01/08/24
15695
 STATE OF IDAHO
 ADAM J DORSEY

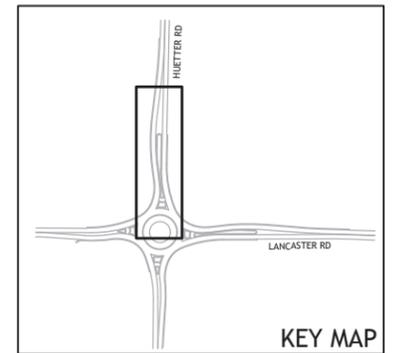
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- 616-010A SIGN TYPE B-1
14.1 SF
- 630-010A TRANSVERSE, WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS - PREFORMED THERMOPLASTIC SEE DETAILS
15 SF
- 630-025A LONGITUDINAL PAVEMENT MARKING - WATERBORNE
1005 FT
- S901-05D SP STEEL SIGN POST
4 EACH

PAY ITEM 630-005A	TOTAL SF
YIELD WARNING TRIANGLES	15
TOTAL:	15

PAY ITEM 630-025A	TOTAL FT
4" SOLID	712
6" SOLID	277
4" SKIP (2' LINE 2' GAP)	16
TOTAL:	1005



ORIGINAL STORED AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_SIGN_005.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 02-14-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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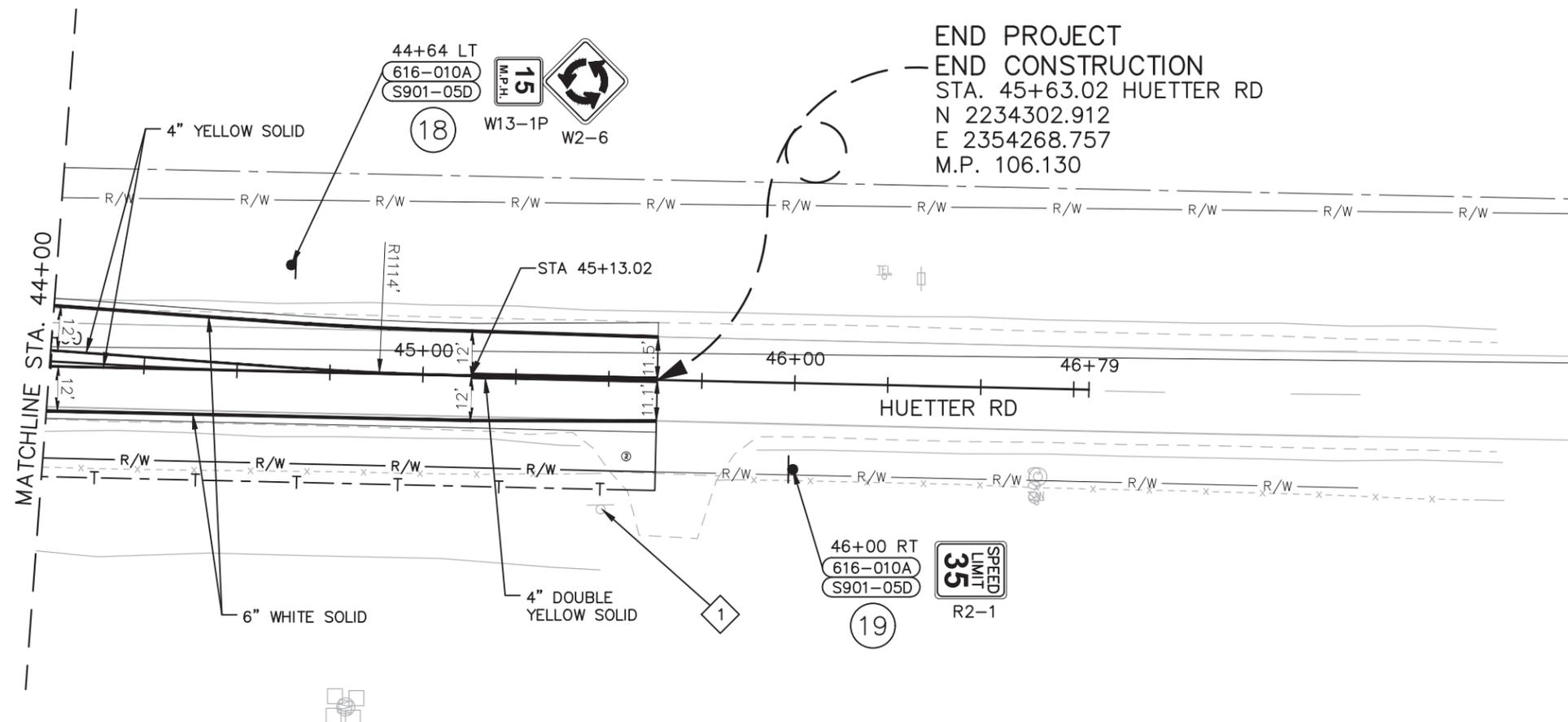
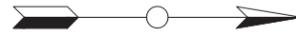
SIGNING & PAVEMENT MARKINGS PLAN - HUETTER NORTH

SMA-7218
LANCASTER & HUETTER
ROUNDAABOUT, LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 48 OF 52

PROFESSIONAL ENGINEER
LICENSED
01/08/24
15695
STATE OF IDAHO
ADAM J DORSEY

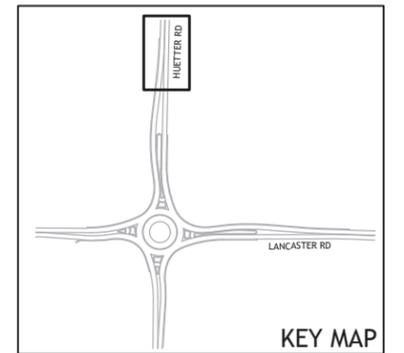
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END PROJECT
 END CONSTRUCTION
 STA. 45+63.02 HUETTER RD
 N 2234302.912
 E 2354268.757
 M.P. 106.130

- (616-010A) SIGN TYPE B-1
13.5 SF
- (630-025A) LONGITUDINAL PAVEMENT MARKING - WATERBORNE
652 FT
- (S901-05D) SP STEEL SIGN POST
2 EACH

NOTES:
 1 RETAIN AND PROTECT EXISTING SIGN.



PAY ITEM 630-025A	TOTAL FT
4" SOLID	326
6" SOLID	326
TOTAL:	652

REVISIONS				DESIGNED	SCALES SHOWN
NO.	DATE	BY	DESCRIPTION	AJD/CSH	ARE FOR 11" X 17" PRINTS ONLY
				AJD/MLC	
				SDS	CADD FILE NAME
				AJD/CSH/MLC	22875_SIGN_005.DWG
					DRAWING DATE:
					02-14-2024

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.
 A022(875)

SIGNING & PAVEMENT MARKINGS PLAN - HUETTER NORTH

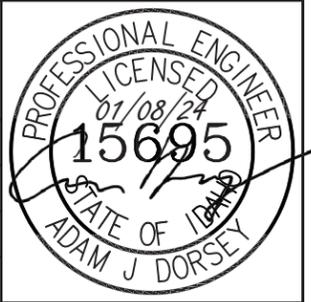
SMA-7218
LANCASTER & HUETTER
ROUNDBOUT, LAKES HD

English

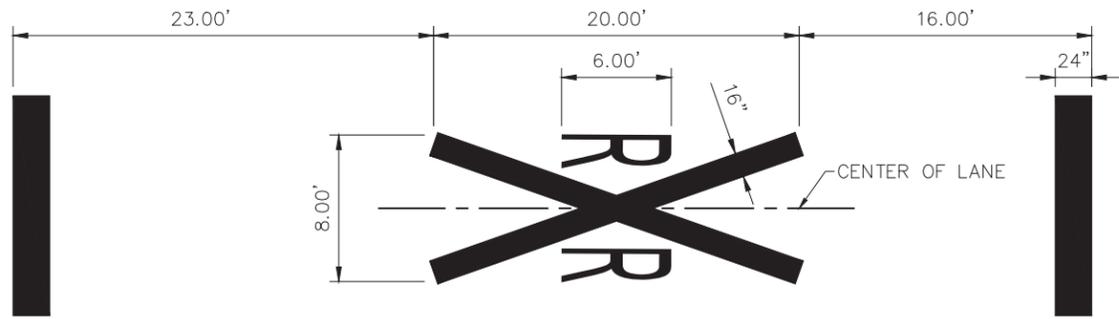
COUNTY
 KOOTENAI

KEY NUMBER
 22875

SHEET 49 OF 52

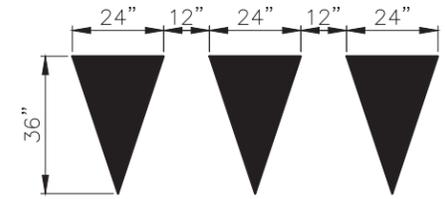


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**RAILROAD CROSSING
PAVEMENT MARKINGS DETAIL**

NO SCALE

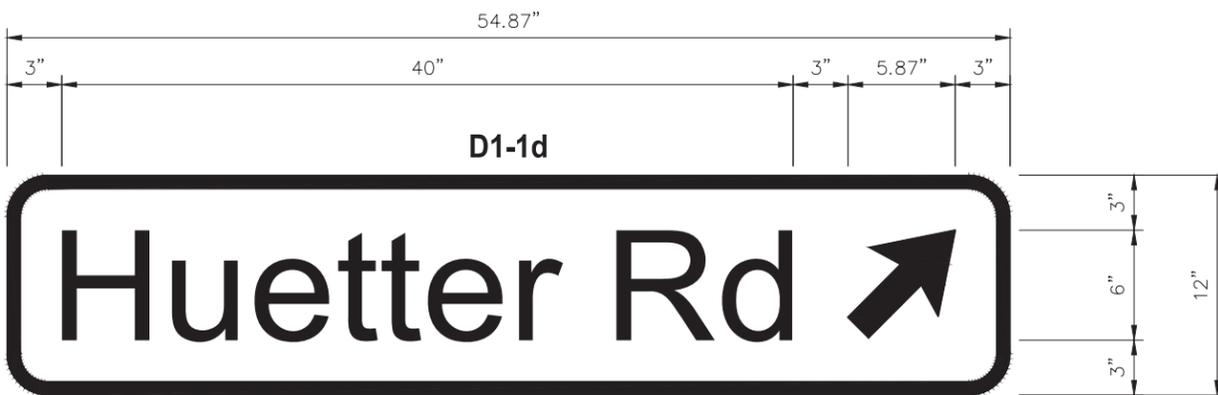


**YIELD WARNING LINE
PAVEMENT MARKINGS DETAIL**

NO SCALE



IDENTIFIER: D1-1d
2.25" RADIUS, 0.75" BORDER, WHITE ON GREEN
"Lancaster Rd" D 2K; STANDARD ARROW CUSTOM 9.0"x 5.375" AT 45°



IDENTIFIER: D1-1d
2.25" RADIUS, 0.75" BORDER, WHITE ON GREEN
"Huetter Rd" D 2K; STANDARD ARROW CUSTOM 9.0"x 5.375" AT 45°

ROAD SIGN DETAIL

NO SCALE

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_SIGN_006.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-04-2024

**IDAHO
TRANSPORTATION
DEPARTMENT**



WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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SIGNING & PAVEMENT MARKING DETAILS	SMA-7218 LANCASTER & HUETTER ROUNDBOUT, LAKES HD
------------------------------------	---

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 50 OF 52

ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

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NOTES:

- Two-way traffic with 10' min. lane width shall be maintained at all times.
- Flaggers with radios will be used on approaches when volumes require it or by the direction of the Engineer.
- Fabrication and installation of traffic control devices shall conform to all applicable provisions of the FHWA's Manual on Uniform Traffic Control Devices As Adopted by the State.
- Mounting configuration, number of signs and minor adjustments needed for traffic control devices shall be made by the Engineer. For the duration of this project, the overall effectiveness under both night and day conditions and the placement of these installations shall be monitored.
- All signs shall be mounted in a high profile manner with 2 standard flag (see the MUTCD, Part 6 Fig. 6F-2). All signs remaining up for the duration of the project should be placed on ground mount wood posts. The (END ROAD WORK) signs shall be placed on ground mounted wood posts (2 posts per sign). Flags are not required on the (END ROAD WORK) sign.
- All existing signing that conflicts with the traffic control shall be covered up or removed. If the contractor removes the signs, it shall be the contractors responsibility to reset the signs and/or replace any signs that are damaged at his/her own expense or as directed by the Engineer.
- All portable sign stands, flags, flashers and changeable message signs shall be considered as incidental to item 626-100A Rent Incidental Traffic Control Item. Type B flashing warning lights for warning sign.
- Any closures requiring flagging shall be in accordance with the MUTCD.

SIGN NUMBER	SIGN LEGEND	SIZE (IN)	QTY	SF	COMMENTS	CLASS A	CLASS B	
M4-8A	END DETOUR	24"x18"	4	3			12	
M4-9L	DETOUR LEFT	30"x24"	12	5			60	
M4-9R	DETOUR RIGHT	30"x24"	10	5			50	
M4-9S	DETOUR STRAIGHT	30"x24"	10	5			50	
M4-10L	DETOUR LEFT ARROW	48"x18"	2	6			12	
M4-10R	DETOUR RIGHT ARROW	48"x18"	2	6			12	
R11-2	ROAD CLOSED	48"x30"	4	10			40	
R11-4	ROAD CLOSED TO THRU TRAFFIC	60"x30"	4	12.5			50	
W20-1	ROAD WORK AHEAD	36"x36"	10	9			90	
W20-2	DETOUR AHEAD	36"x36"	5	9			45	
W20-3	ROAD CLOSED AHEAD	36"x36"	5	9.0			45.0	
CUSTOM	HUETTER RD	30"x24"	17	5.0			85.0	
CUSTOM	LANCASTER RD	36"x24"	20	6.0			120.0	
	10% CONTINGENCY			671.0	x .1 = 67.1		67.1	
TOTAL SF								738

SUMMARY OF TRAFFIC CONTROL ITEMS

PAY ITEM		QTY	UNIT
626-010A	TEMPORARY TRAFFIC CONTROL SIGNS	738	SF
626-040A	BARRICADE TYPE 3	12	EACH
626-100A	MISCELLANEOUS TEMPORARY TRAFFIC CONTROL	10,000	CA
626-105A	TEMPORARY TRAFFIC CONTROL MAINTENANCE	100	HR
626-120A	FLAGGER CONTROL	40	HR

DEFINITIONS: L=TAPER LENGTH, W=WIDTH OF OFFSET, S=POSTED SPEED LIMIT

TAPER LENGTH CRITERIA

TYPE OF TAPER	TAPER LENGTH (L)*
MERGING	AT LEAST L
SHIFTING	AT LEAST 0.5L
SHOULDER	AT LEAST 0.33L
ONE-LANE, TWO-WAY	100 ft MAX
DOWNSTREAM	100 ft PER LANE

* FOR S= 40 mph or less, L=WS 2/60
FOR S= 45 mph, L=WS

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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_TRAFFIC_002.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-04-2024

IDAHO TRANSPORTATION DEPARTMENT



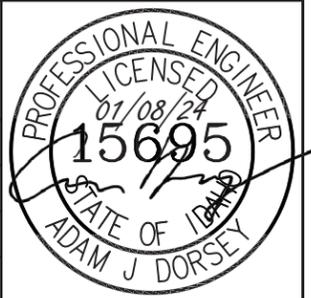
WELCH COMER ENGINEERS

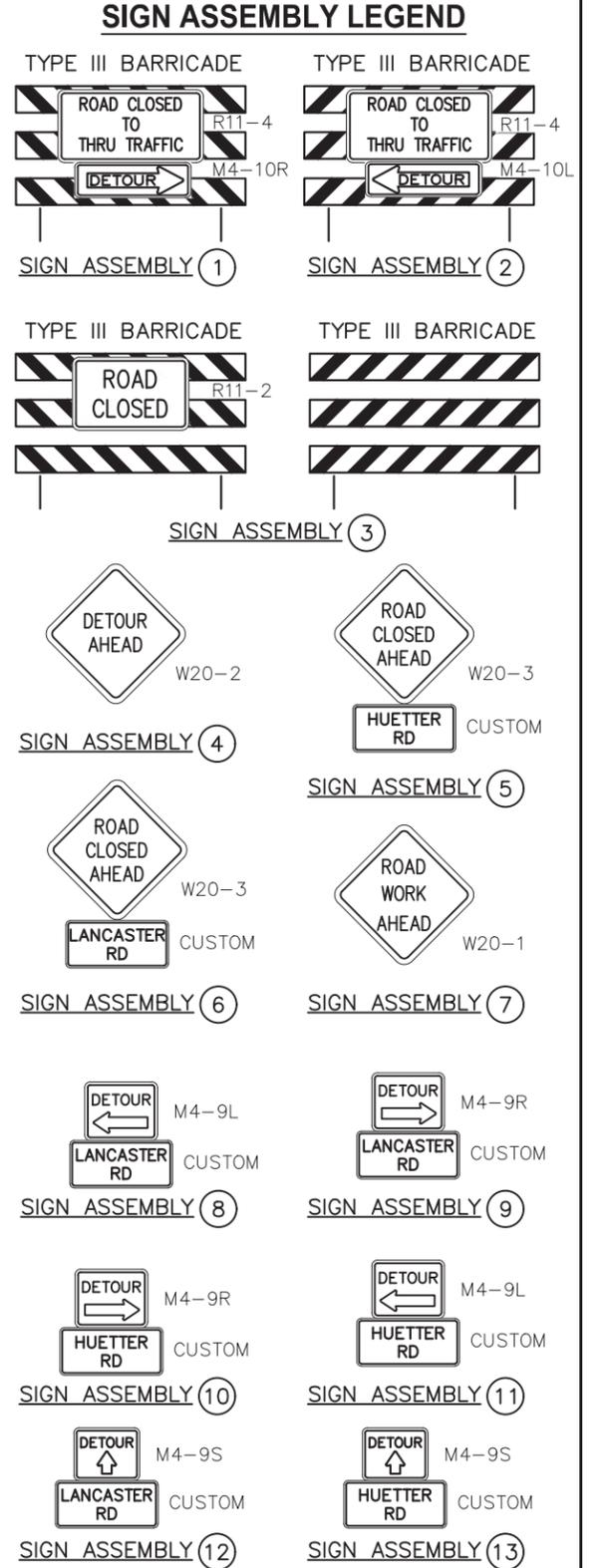
PROJECT NO.	A022(875)
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TRAFFIC CONTROL SIGN SUMMARY	SMA-7218
	LANCASTER & HUETTER
	ROUNDBOUT, LAKES HD

English	
COUNTY	KOOTENAI
KEY NUMBER	22875
SHEET	51 OF 52

ORIGINAL STORED AT: ITD, District 1 600 West Prairie, Coeur d'Alene, ID





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REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	CADD FILE NAME 22875_TRAE_001.DWG
DRAWING CHECKED	AJD/CSH/MLC	DRAWING DATE: 01-04-2024

IDAHO TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

TRAFFIC CONTROL PLAN
SMA-7218
LANCASTER & HUETTER
ROUNDBOUT, LAKES HD

English
COUNTY
KOOTENAI
KEY NUMBER
22875
SHEET 52 OF 52

ORIGINAL STORED AT: ITD, District 1
600 West Prairie, Coeur d'Alene, ID

PROFESSIONAL ENGINEER
LICENSED
01/08/24
15695
STATE OF IDAHO
ADAM J DORSEY

SEC 5, T.51N., R.4W., B.M.

WKLV LLC
PARCEL 125166

SEC 4, T.51N., R.4W., B.M.

HARSB
PARCEL 138248

END PROJECT
END CONSTRUCTION
STA. 45+63.02 HUETTER RD
N 2234302.912
E 2354268.757
M.P. 106.130

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 10+00 LANCASTER RD
N 2233741.378
E 2353816.286
M.P. 103.638

END PROJECT
END CONSTRUCTION
STA. 25+87.92 LANCASTER RD
N 2233731.830
E 2354843.062
M.P. 103.832

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 31+00 HUETTER RD
N 2233423.305
E 2354249.262
M.P. 105.963

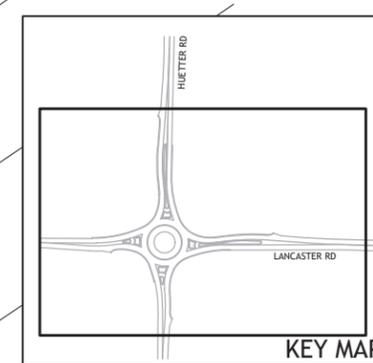
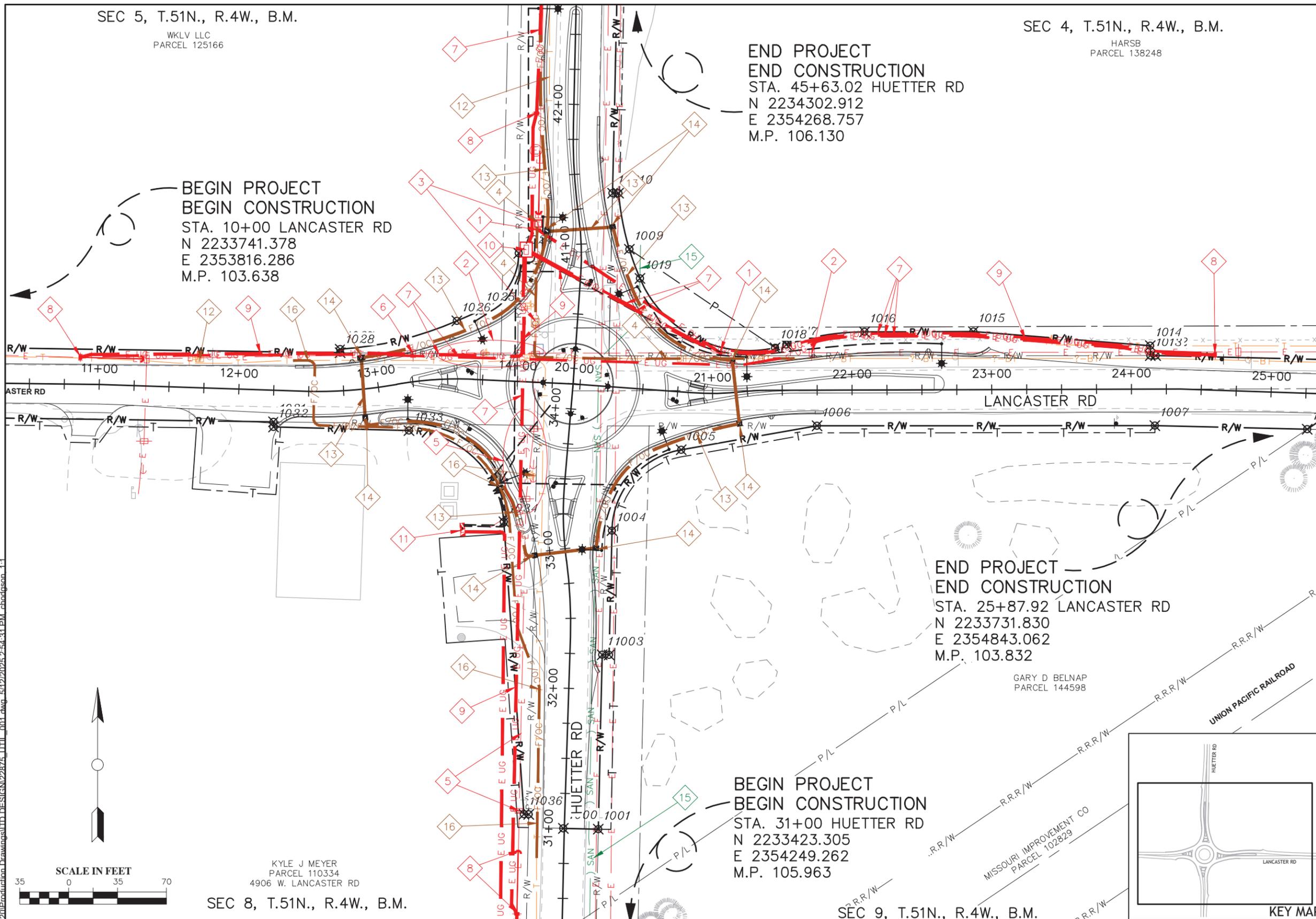
SEC 8, T.51N., R.4W., B.M.

KYLE J MEYER
PARCEL 110334
4906 W. LANCASTER RD

SEC 9, T.51N., R.4W., B.M.

GARY D BELNAP
PARCEL 144598

- 1 AVISTA, COMPANY TO INSTALL NEW POWER POLE AND OVERHEAD UTILITIES AT PROJECT EXPENSE
- 2 AVISTA, COMPANY TO REMOVE EXISTING POWER POLE AT PROJECT EXPENSE
- 3 AVISTA, COMPANY TO RELOCATE EXISTING CONCRETE VAULT AT PROJECT EXPENSE
- 4 AVISTA, COMPANY TO ADJUST EXISTING FIBER FOR BURY DEPTH AND EXTEND TO NEW VAULT AT UTILITY COMPANY EXPENSE
- 5 KEC, COMPANY TO REMOVE EXISTING POWER POLE AND OVERHEAD UTILITIES AT PROJECT EXPENSE
- 6 KEC, COMPANY TO RELOCATE EXISTING POWER POLE AND OVERHEAD UTILITIES BY KEC AT UTILITY COMPANY EXPENSE
- 7 KEC, COMPANY TO INSTALL NEW ELECTRICAL CONDUIT AT UTILITY COMPANY EXPENSE
- 8 KEC, COMPANY TO INSTALL NEW POWER POLE AT PROJECT EXPENSE
- 9 KEC, COMPANY TO RELOCATE OVERHEAD UTILITIES TO UNDER GROUND BURY AT PROJECT EXPENSE
- 10 KEC, COMPANY TO INSTALL NEW CONCRETE VAULT AT PROJECT EXPENSE
- 11 KEC, COMPANY TO INSTALL NEW JUNCTION BOX AND TRANSFORMER AT PROJECT EXPENSE
- 12 ZIPLY, COMPANY TO ADJUST EXISTING BURIED COMMUNICATION LINE, PEDESTALS, AND EQUIPMENT AT UTILITY COMPANY EXPENSE
- 13 ZIPLY, COMPANY TO INSTALL NEW COMMUNICATION CONDUIT AT UTILITY COMPANY EXPENSE
- 14 ZIPLY, COMPANY TO INSTALL NEW UTILITY VAULT AT UTILITY COMPANY EXPENSE
- 15 HARSB, RETAIN AND PROTECT EXISTING HARSB 14" PVC SANITARY FORCE MAIN SEWER.
- 16 T-MOBILE/COGENT, COMPANY TO RELOCATE EXISTING BURIED TELEPHONE LINE, UNDERGROUND VAULT, AND EQUIPMENT



N:\Civil3D\Projects\1220\Production Drawings\1220\DWG_5112\2025\2-54-31.PM_chodson_1-1

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	AJD/CSH	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 22875_UTIL_001.DWG DRAWING DATE: 05-12-2025
DESIGN CHECKED	AJD/MLC	
DETAILED	SDS	
DRAWING CHECKED	AJD/CSH/MLC	

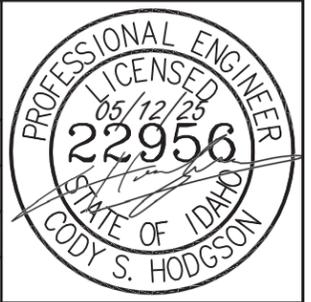
IDAHO TRANSPORTATION DEPARTMENT

WELCH COMER ENGINEERS

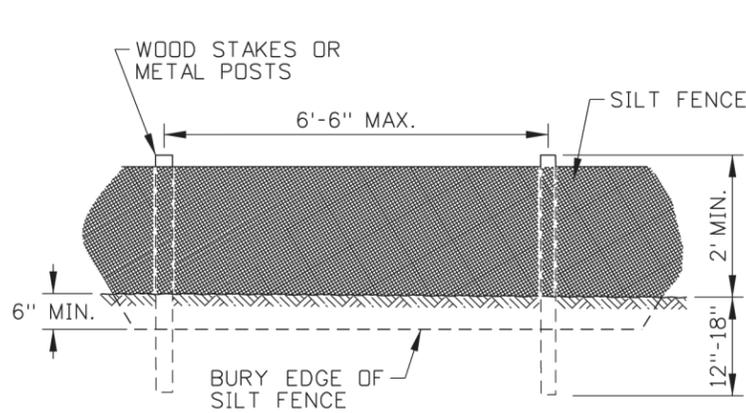
PROJECT NO.	A022(875)
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UTILITY PLAN	SMA-7218
LANCASTER & HUETTER ROUNDABOUT, LAKES HD	

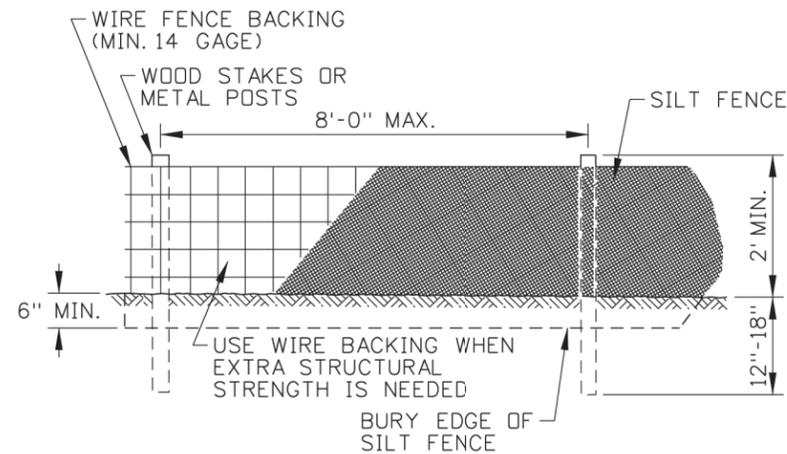
English	
COUNTY	KOOTENAI
KEY NUMBER	22875
SHEET	1 OF 1



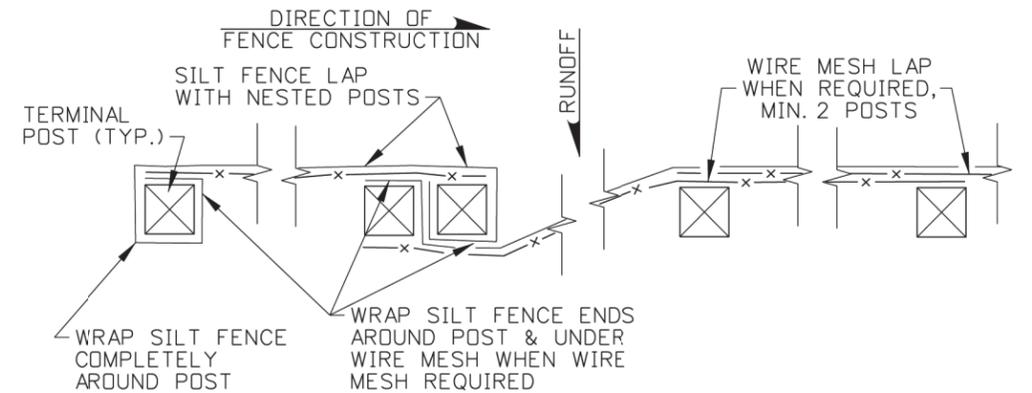
ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



SILT FENCE (NO WIRE BACKING)



SILT FENCE (WIRE BACKING)



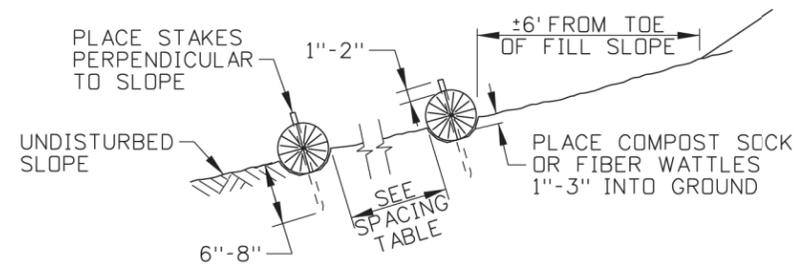
SILT FENCE LAP DETAIL

SLOPE	WATTLE SIZE			
	6"	9"	12"	20"
1:1	5 FT	10 FT	15 FT	20 FT
2:1	10 FT	20 FT	30 FT	40 FT
3:1	15 FT	30 FT	45 FT	60 FT
4:1 OR FLATTER	20 FT	40 FT	60 FT	80 FT

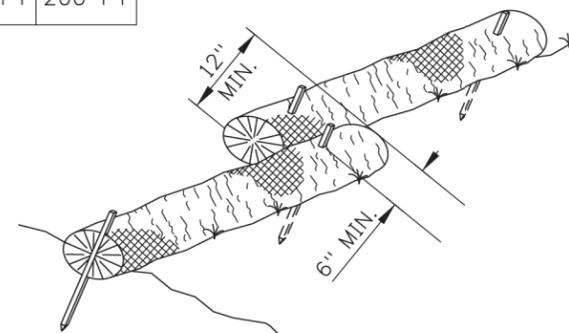
SLOPE	SOIL TYPE		
	SILTY	CLAYS	SANDY
1:1	50 FT	75 FT	100 FT
2:1	75 FT	100 FT	125 FT
4:1	100 FT	125 FT	150 FT
10:1 OR FLATTER	125 FT	150 FT	200 FT

NOTES

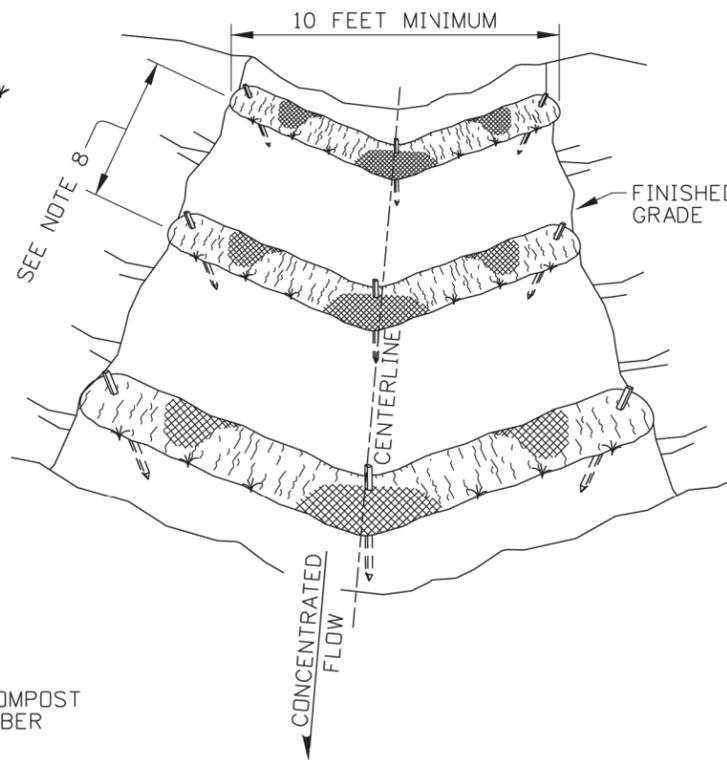
- SEE THE GENERAL NOTES FOR EROSION CONTROL STANDARD DRAWINGS ON 212-1.
- THE NEED FOR TEMPORARY SEDIMENT CONTROL DEVICES ARE DETERMINED BY SITE DESIGN. SPACE SILT FENCES, COMPOST SOCKS, AND FIBER WATTLES IN ACCORDANCE WITH THE SILT FENCE SPACING TABLE AND FIBER WATTLE & COMPOST SOCK SPACING TABLE.
- INSTALL TEMPORARY SEDIMENT CONTROL BARRIERS IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND SPECIFICATIONS. THE DIMENSIONS SHOWN ARE GENERAL GUIDELINES.
- PLACE SEDIMENT BARRIERS TO FOLLOW THE SLOPE CONTOURS. USE EITHER METAL POSTS OR WOOD STAKES.
- ENSURE RUNOFF PASSES THROUGH THE SILT FENCE AND NOT AROUND THE FENCE.
- GROUND SILT FENCES WITH WIRE MESH IN ACCORDANCE WITH THE GROUNDING DETAIL SHOWN ON STANDARD DRAWING 610-1.
- EXTEND OR JOIN SILT FENCE USING SILT FENCE LAP WITH NESTED POSTS.
- SPACE CHECK DAMS ACCORDING TO THE HEIGHT OF THE DAM AND THE SLOPE OF THE CHANNEL SO THE BACKWATER FROM THE DOWNSTREAM DAM REACHES THE TOE OF THE UPSTREAM DAM.
- ON SLOPES, TURN THE ENDS OF EACH ROW OF COMPOST SOCKS AND FIBER WATTLES UPSLOPE TO PREVENT RUNOFF FROM FLOWING AROUND THE SOCK OR WATTLE.
- REMOVE SEDIMENT FROM THE UPSLOPE SIDE OF SILT FENCES, COMPOST SOCKS, AND FIBER WATTLES WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE BARRIER.
- DRAWING NOT TO SCALE.



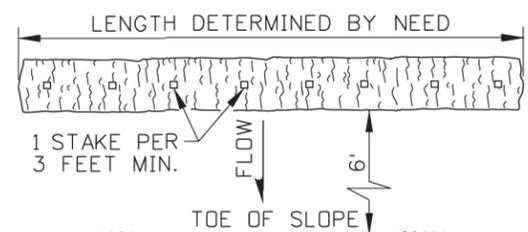
COMPOST SOCK AND FIBER WATTLE SIDE VIEW



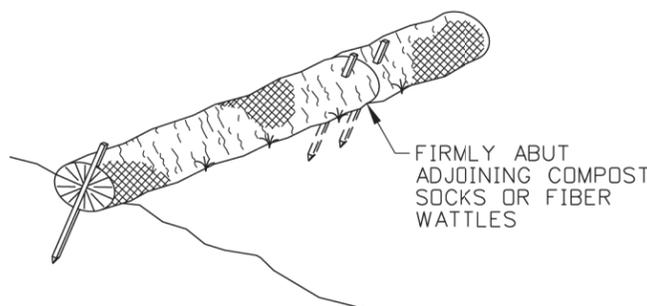
COMPOST SOCK AND FIBER WATTLE OVERLAPPING DETAIL



COMPOST SOCK AND FIBER WATTLE TEMPORARY CHECK DAM DETAIL



COMPOST SOCK AND FIBER WATTLE PLAN VIEW



COMPOST SOCK AND FIBER WATTLE ABUTTING DETAIL

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REVISIONS

NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	09-93	MSM	6	01-13	RDL			
2	12-94	MSM	7	03-21	TWF			
3	06-96	GFK						
4	10-10	KEH						
5	10-11	KEH						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME: 212-03_0421.dgn
 DRAWING DATE: APRIL, 1993

IDAHO TRANSPORTATION DEPARTMENT



BOISE IDAHO

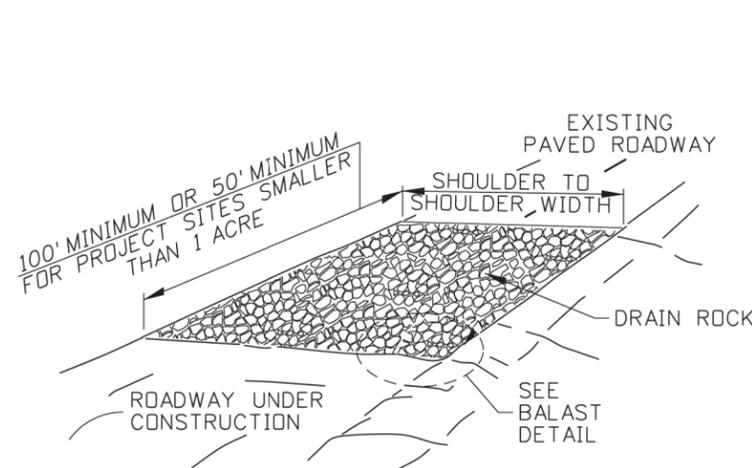
ORIGINAL SIGNED BY: KEVIN SABLAN
 DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING
TEMPORARY EROSION AND SEDIMENT CONTROL SILT FENCE, FIBER WATTLE, AND COMPOST SOCK
 REQUIRES STD. DWG. 212-1

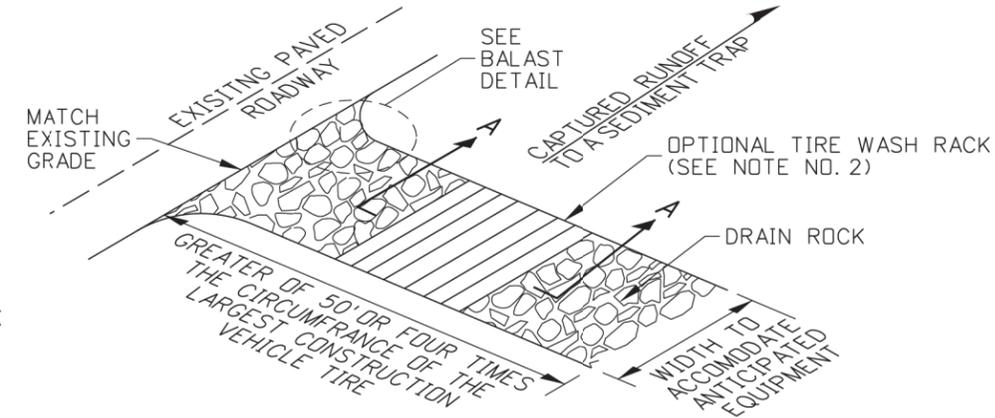
English
 STANDARD DRAWING NO.
212-3
 SHEET 1 OF 1

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

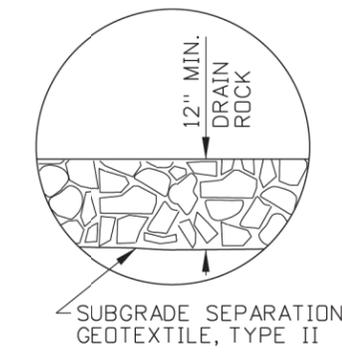




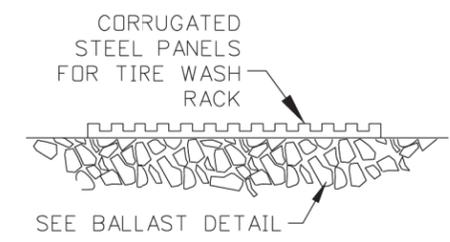
IN-LINE WITH HIGHWAY



PERPENDICULAR TO HIGHWAY

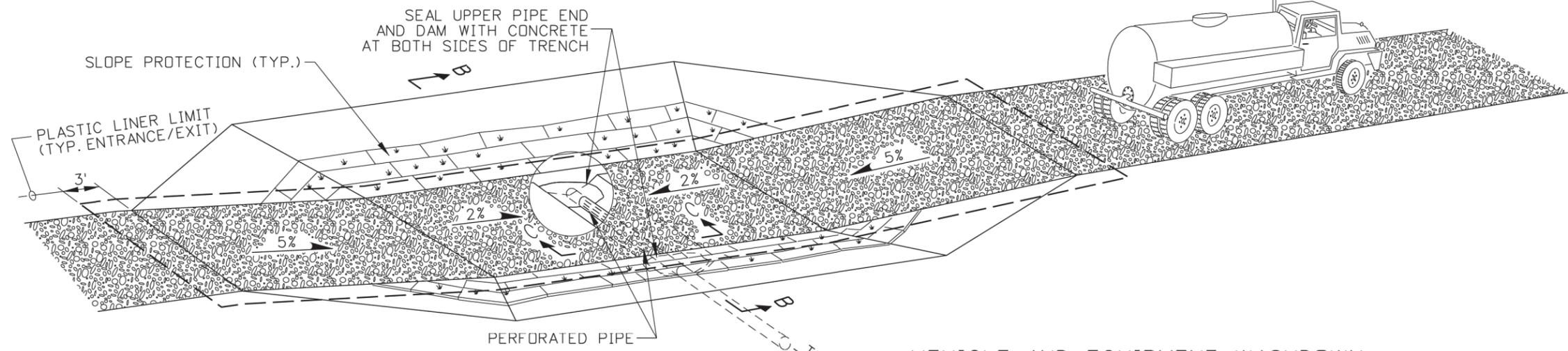


BALLAST DETAIL

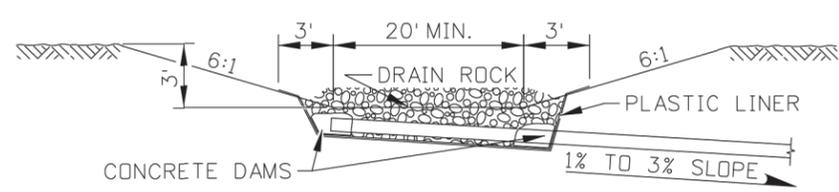


SECTION A-A

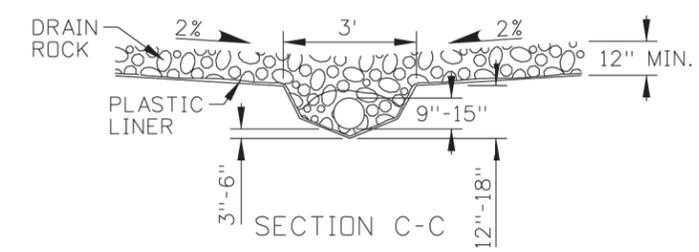
STABILIZED CONSTRUCTION ENTRANCE



VEHICLE AND EQUIPMENT WASHDOWN



SECTION B-B



SECTION C-C

NOTES

1. SEE THE GENERAL NOTES FOR EROSION CONTROL STANDARD DRAWINGS ON 212-1.
2. DRAWING NOT TO SCALE.

N:\Civil3D\Projects\11322_120\Production Drawings\ITD_DESIGN\22875_EROS_001.dwg - 12/16/2024 5:43:42 PM jyaude_11

REVISIONS							
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE
1	03-21	TWF					

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME: 212-06_0421.dgn
 DRAWING DATE: NOVEMBER, 2016

IDAHO TRANSPORTATION DEPARTMENT



BOISE IDAHO

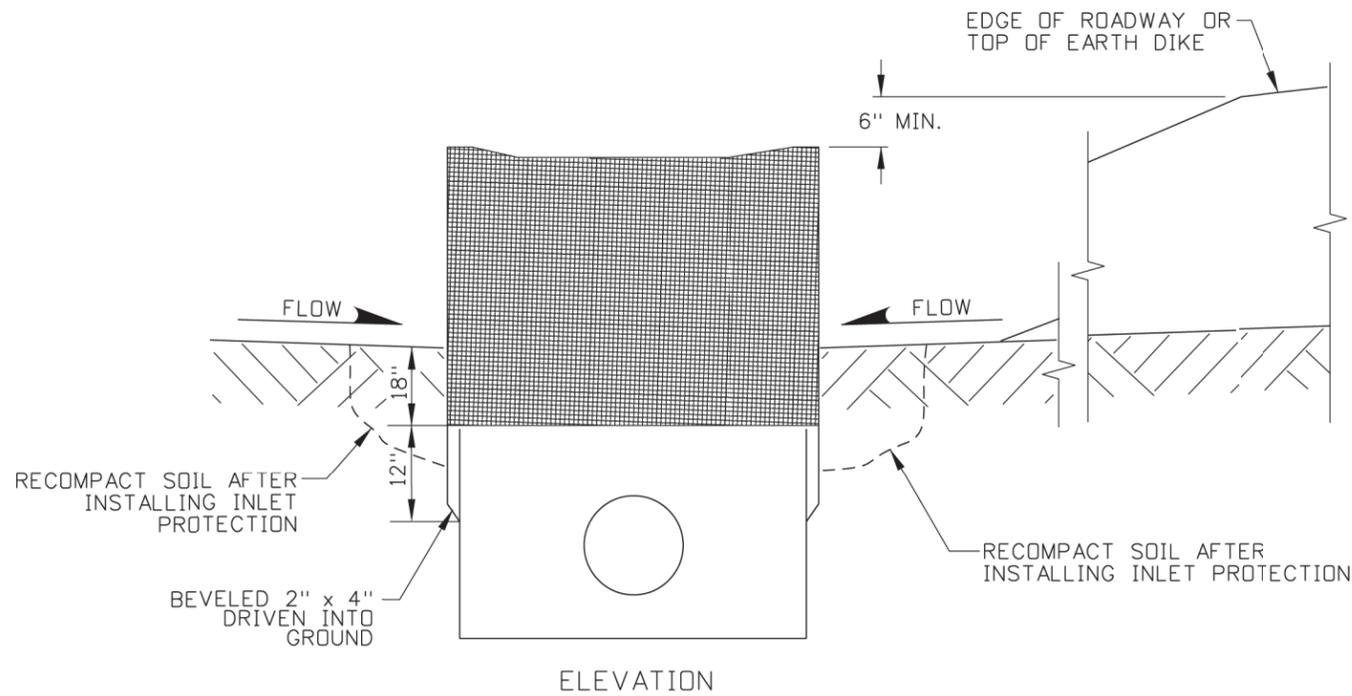
ORIGINAL SIGNED BY: KEVIN SABLAN
 DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING
TEMPORARY EROSION AND SEDIMENT CONTROL
STABILIZED CONSTRUCTION ENTRANCE AND VEHICLE WASHDOWN
 REQUIRES STD. DWG. 212-1

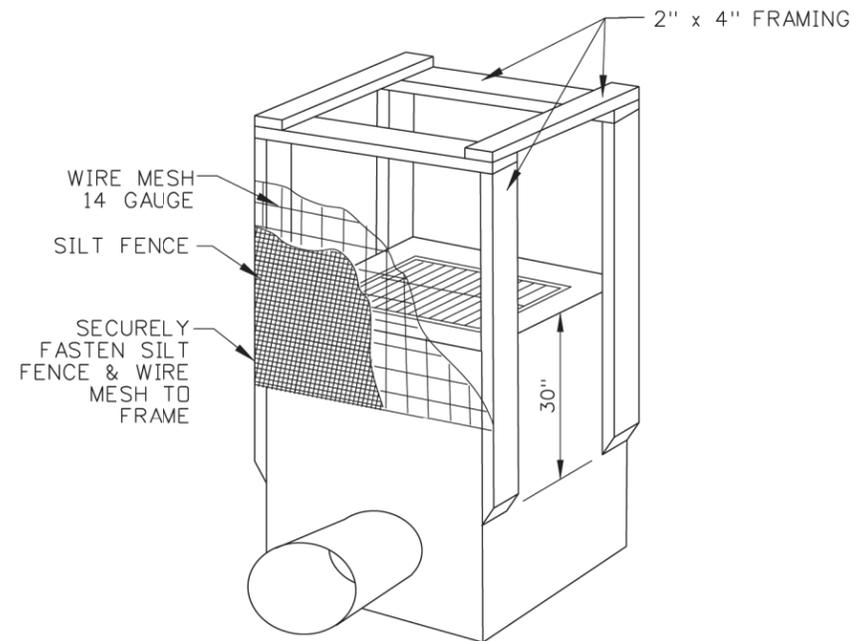
English
 STANDARD DRAWING NO.
212-6
 SHEET 1 OF 1

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

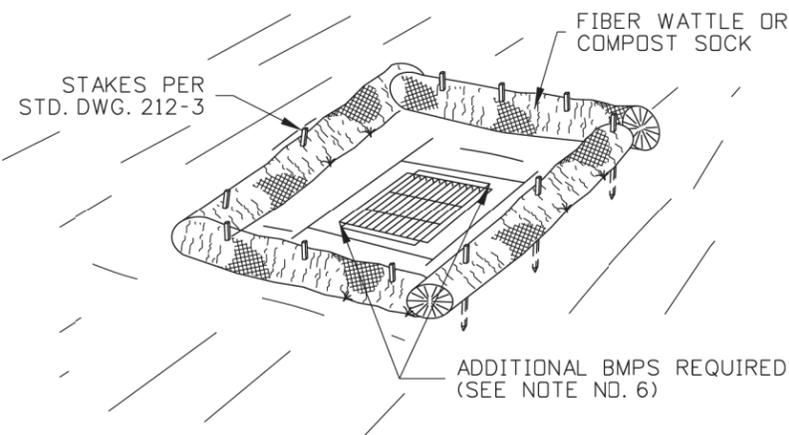




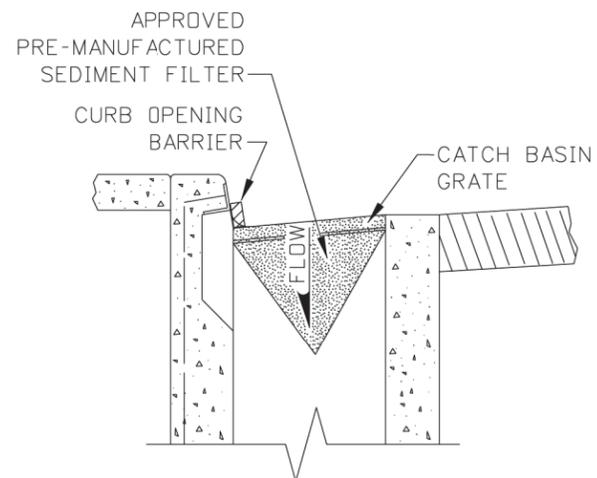
FRAMED WIRE/FABRIC FILTER



PERSPECTIVE VIEW



FIBER WATTLE FILTER



PRE-MANUFACTURED SEDIMENT FILTER FOR INLET GRATE

NOTES

1. SEE THE GENERAL NOTES FOR EROSION CONTROL STANDARD DRAWINGS ON 212-1.
2. REMOVE TRASH, DEBRIS, DUFF, AND MATERIALS THAT MAY INTERFERE WITH THE INLET OR CATCH BASIN PROTECTION FUNCTION PRIOR TO PLACEMENT AND DAILY THEREAFTER OR AS NEEDED.
3. ADJUST TO ENSURE EFFECTIVENESS.
4. FRAMED WIRE/FABRIC FILTER AND FIBER WATTLE FILTERS ARE INTENDED TO BE USED ON STRUCTURES NOT PRESENTLY SURROUNDED BY PAVEMENT.
5. ENSURE WATER DISCHARGING FROM THE INLET MEETS APPLICABLE WATER QUALITY STANDARDS.
6. USE IN CONJUNCTION WITH OTHER INLET PROTECTION DEVICES, NOT AS THE SOLE BMP. SEE SECTION SC-6 IN THE BMP MANUAL.
7. DRAWING NOT TO SCALE.

N:\City\3D Projects\11322_120\Production Drawings\1TD_DESIGN\22875_EROS_001.dwg - 12/16/2024 5:43:46 PM jyaude_11

REVISIONS

NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY
1	10-10	KEH						
2	10-11	KEH						
3	01-13	RDL						
4	03-21	TWF						

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME: 212-07_0421.dgn
 DRAWING DATE: JUNE, 1996

IDAHO TRANSPORTATION DEPARTMENT



BOISE IDAHO

ORIGINAL SIGNED BY: KEVIN SABLAN
 DESIGN/TRAFFIC SERVICES ENGINEER

STANDARD DRAWING

TEMPORARY EROSION AND SEDIMENT CONTROL INLET PROTECTION

REQUIRES STD. DWG. 212-1

English

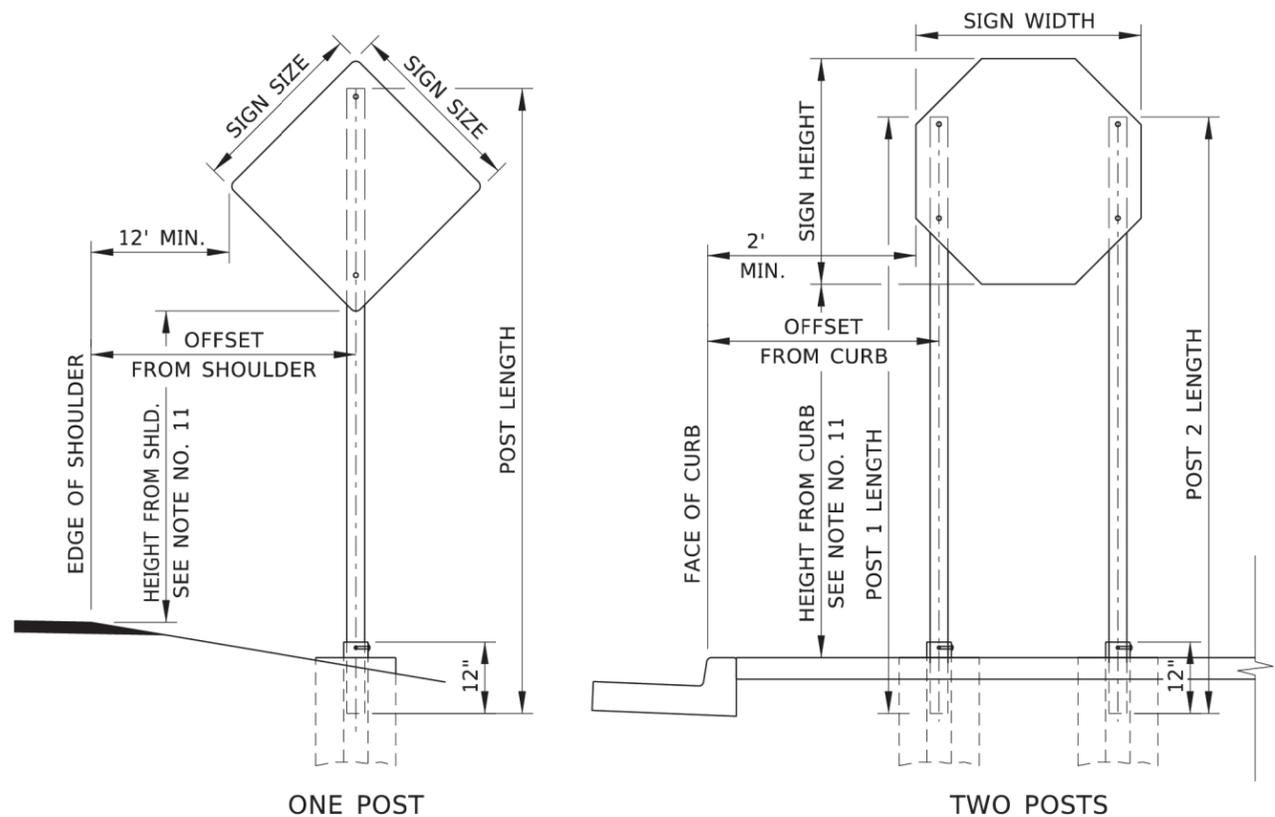
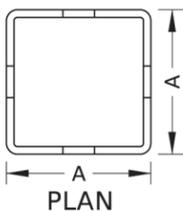
STANDARD DRAWING NO.

212-7

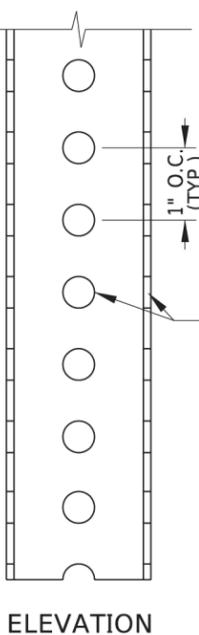
SHEET 1 OF 1

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

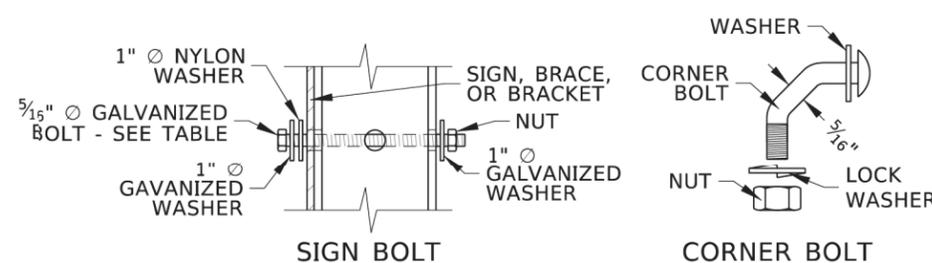




SIGN ASSEMBLY MEASUREMENTS

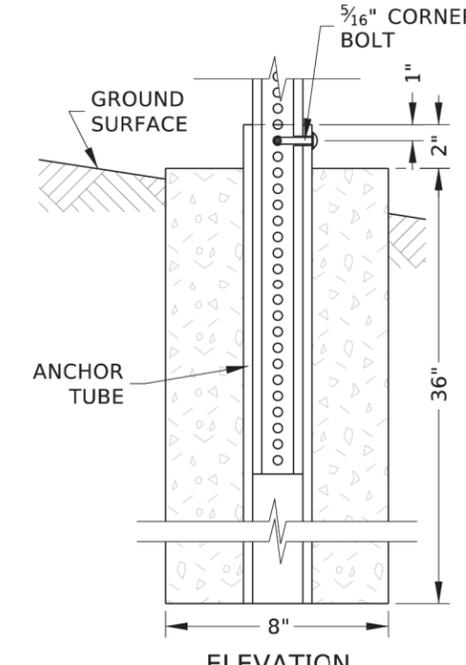
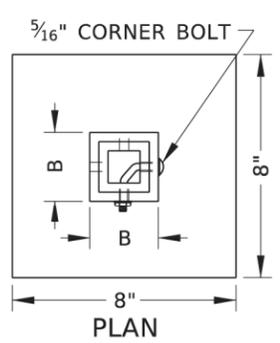


7/16" Ø HOLES ON 4 SIDES



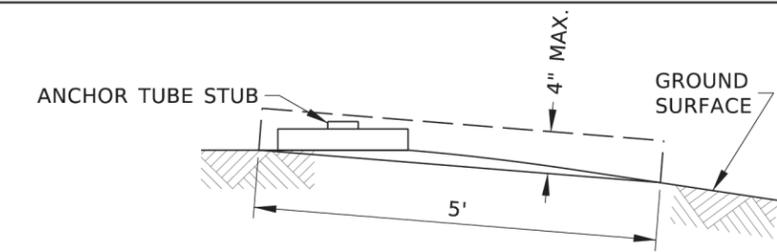
FASTENER DETAILS

SEE NOTE NO. 10



FOUNDATION

SEE NOTE NOS. 12 & 13



FOUNDATION AND STUB HEIGHT DETAIL

SEE NOTE NO. 15

NOTES

- USE TYPE E - PERFORATED STEEL TUBE POSTS - WITH TYPE B - SHEET ALUMINUM AND TYPE E - HDO PLYWOOD SIGNS.
- SEE THE TRAFFIC MANUAL TO CALCULATE SIGN LOAD PER POST.
- SEE PROJECT SIGN SUMMARY FOR SIGN ASSEMBLY DIMENSIONS.
- USE ONE OR MORE TYPE E - PERFORATED STEEL TUBE POST. DO NOT MIX E-1 AND E-2 POSTS ON THE SAME SIGN ASSEMBLY.
- POST 1 IS CLOSEST TO THE HIGHWAY, WHETHER INSTALLED ON THE RIGHT OR LEFT SIDE.
- A BREAKAWAY DEVICE MUST BE INSTALLED IF THREE POSTS ARE USED. REFER TO THE ITD QUALIFIED PRODUCTS LIST FOR BREAKAWAY DEVICES.
- TYPE E - PERFORATED STEEL TUBE POSTS - DO NOT NEED TO BE SHIELDED BY GUARDRAIL OR BARRIER. WHEN PERFORATED STEEL POSTS ARE INSTALLED BEHIND GUARDRAIL OR BARRIER, ENSURE THE POSTS ARE OUTSIDE OF THE GUARDRAIL OR BARRIER WORKING WIDTH.
- SIGNS CAN BE MOUNTED BACK-TO-BACK IF THE SHAPE OF STOP, YIELD, OR WARNING SIGNS ARE NOT SHIELDED.
- SIGNS ARE INSTALLED WITH OR WITHOUT BRACES DEPENDENT ON SIGN SIZE AND APPLICATION.
- TYPE B - SHEET ALUMINUM - OR TYPE E - HDO PLYWOOD - SIGNS CAN BE AFFIXED TO THE POST OR THROUGH BRACES OR BRACKETS.
- INSTALL SIGNS AT THE FOLLOWING HEIGHTS:
 - IF INSTALLED IN A RURAL AREA, 5 FEET ABOVE THE PAVEMENT ELEVATION OR 4 FEET IF A SUPPLEMENTARY PLAQUE IS INSTALLED BELOW THE SIGN.
 - IF INSTALLED IN THE VICINITY OF A CURB OR IN A BUSINESS, COMMERCIAL, OR RESIDENTIAL AREA WHERE PARKING OR PEDESTRIAN MOVEMENTS ARE LIKELY, 7 FEET ABOVE THE PAVEMENT ELEVATION OR 6 FEET IF A SUPPLEMENTARY PLAQUE IS INSTALLED BELOW THE SIGN. IF INSTALLED LOWER THAN 7 FEET, ENSURE SIGNS DO NOT PROJECT MORE THAN 4 INCHES INTO THE PEDESTRIAN FACILITY.
- PRECAST FOUNDATION OR CAST FOUNDATION IN PLACE. ENSURE THE BOTTOM OF THE FOUNDATION IS KEPT OPEN TO DRAIN. IF THE ANCHOR TUBE IS PERFORATED, ENSURE THE INSIDE OF THE ANCHOR REMAINS OPEN.
- IF SOLID BEDROCK IS ENCOUNTERED WITHIN THE FOUNDATION DEPTH, DRILL A 4.5 INCH VERTICAL HOLE AND SOCKET THE ANCHOR TUBE. FILL DRILLED HOLES WITH GROUT, TYPE B, CLASS 1. ENSURE THE INSIDE OF THE ANCHOR TUBE REMAINS OPEN. WHEN INSTALLED IN BEDROCK, ENSURE THE E-1 POST IS EMBEDDED 18 INCHES DEEP AND THE E-2 POST IS EMBEDDED 24 INCHES.
- WHEN THE SIGN IS INSTALLED ON A BACKSLOPE, ENSURE THE SIGN POST IS AT LEAST 5' HIGHER THAN THE GROUND SURFACE.
- ENSURE NO PART OF THE FOUNDATION OR SIGN POST STUB PROJECTS MORE THAN 4 IN. ABOVE ANY 5 FT. CHORD ALIGNED PERPENDICULARLY TO THE EDGE OF THE HIGHWAY BETWEEN A POINT ON THE GROUND SURFACE ON ONE SIDE OF THE SUPPORT TO A POINT ON THE GROUND SURFACE ON THE OTHER SIDE OF THE SUPPORT.
- DRAWING NOT TO SCALE.

SIGN POST AND FOUNDATION TABLE										
POST TYPE	TYPE E PERFORATED STEEL TUBE POST			FOUNDATION		ANCHOR TUBE			FASTENERS	
	PERFORATED STEEL TUBE POST SIZE A (IN)	GAUGE	POST WEIGHT (LB/FT)	MAXIMUM SIGN LOAD (SFxFT)	SIZE (INxINxIN)	CONCRETE (CY)	B (IN)	GAUGE	POST WEIGHT (LB/FT)	SIGN BOLT LENGTH (IN)
E-1	2	12	2.42	43	8x8x36	0.05	2½x2½	7	5.59	2½
E-2	2½	12	4.01	91	8x8x36	0.05	3x3	7	6.87	3

1322.120(Production Drawings)ITD DESIG\GN22875_SIGN_006.dwg, 12/16/2024 5:43:54 PM, jyaude, 1:1

REVISIONS									
NO.	DATE	BY	NO.	DATE	BY	NO.	DATE	BY	
1	02-92	JEC	6	05-15	HEB				
2	12-94	HEB	7	12-16	HEB				
3	06-99	HEB	8	02-23	RDL				
4	12-01	NQB							
5	12-13	HEB							

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
 CADD FILE NAME: 616-7_0423.dgn
 DRAWING DATE: JULY, 1991

IDAHO TRANSPORTATION DEPARTMENT
 YOUR Safety--YOUR Mobility--YOUR Economic Opportunity

BOISE IDAHO

ORIGINAL SIGNED BY: MONICA CRIDER
 HIGHWAY DESIGN ENGINEER

STANDARD DRAWING
STEEL SIGN POST AND FOUNDATION
 TYPE E - PERFORATED STEEL TUBE POST

ENGLISH
 STANDARD DRAWING NO.
616-7
 SHEET 1 OF 1

ORIGINAL STORED AT: ITD, Headquarters 3311 West State Boise, Idaho

T. 51 N., R. 4 W., B.M.
SECTIONS 4, 5, 8, 9

- SECTION LINE
- PROPOSED RIGHT OF WAY
- PERMANENT EASEMENT
- TEMPORARY EASEMENT
- PROPERTY LINE
- RAILROAD RIGHT OF WAY
- EXISTING FENCE
- EXISTING ELECTRICAL LINE
- TOE OF BANK
- UNDERGROUND TELEPHONE
- SEWER LINE
- TREE LINE
- TEMPORARY EASEMENT PARCEL 1
- TEMPORARY EASEMENT PARCEL 2
- TEMPORARY EASEMENT PARCEL 3
- PERMANENT EASEMENT PARCEL 3
- PARCEL NUMBER/ COLORS VARY
- CURVE DATA
- POINT OF COMMENCEMENT
- POINT OF BEGINNING
- TRUE POINT OF BEGINNING

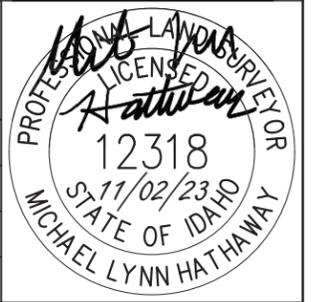
- 5/8" REBAR FOUND
- 1/2" REBAR FOUND
- SET 5/8"x30" REBAR W/YPC MARKED "PLS 12318" OR SUITABLE ALTERNATIVE DEPENDING ON SITE CONDITIONS
- SET 5/8"x30" REBAR W/3" ITD ALUM. CAP IN CONCRETE FOR SURVEY CONTROL
- SET MAGNAIL IN THE ASPHALT FOR SURVEY CONTROL
- ALUMINUM CAP FOUND
- SECTION CORNER FOUND
- 1/4 CORNER FOUND
- CONIFEROUS TREE
- DECIDUOUS TREE
- GUY ANCHOR
- ELECTRICAL JUNCTION BOX
- ELECTRICAL POWER POLE
- MAILBOX
- SINGLE SIGN
- UNDERGROUND TELEPHONE MARKER
- TEST PIT LOCATION

OFFICIAL

Oct 17 2024

R/W PLANS

ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



REVISIONS			
NO.	DATE	BY	DESCRIPTION
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DESIGNED	MLD	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT
DESIGN CHECKED	MLH		
DETAILED	MLH/MJD	CADD FILE NAME 22875_OWN_001.DWG	WELCH COMER ENGINEERS
DRAWING CHECKED	MLH	DRAWING DATE: 08-24-2023	

PROJECT NO.	A022(875)
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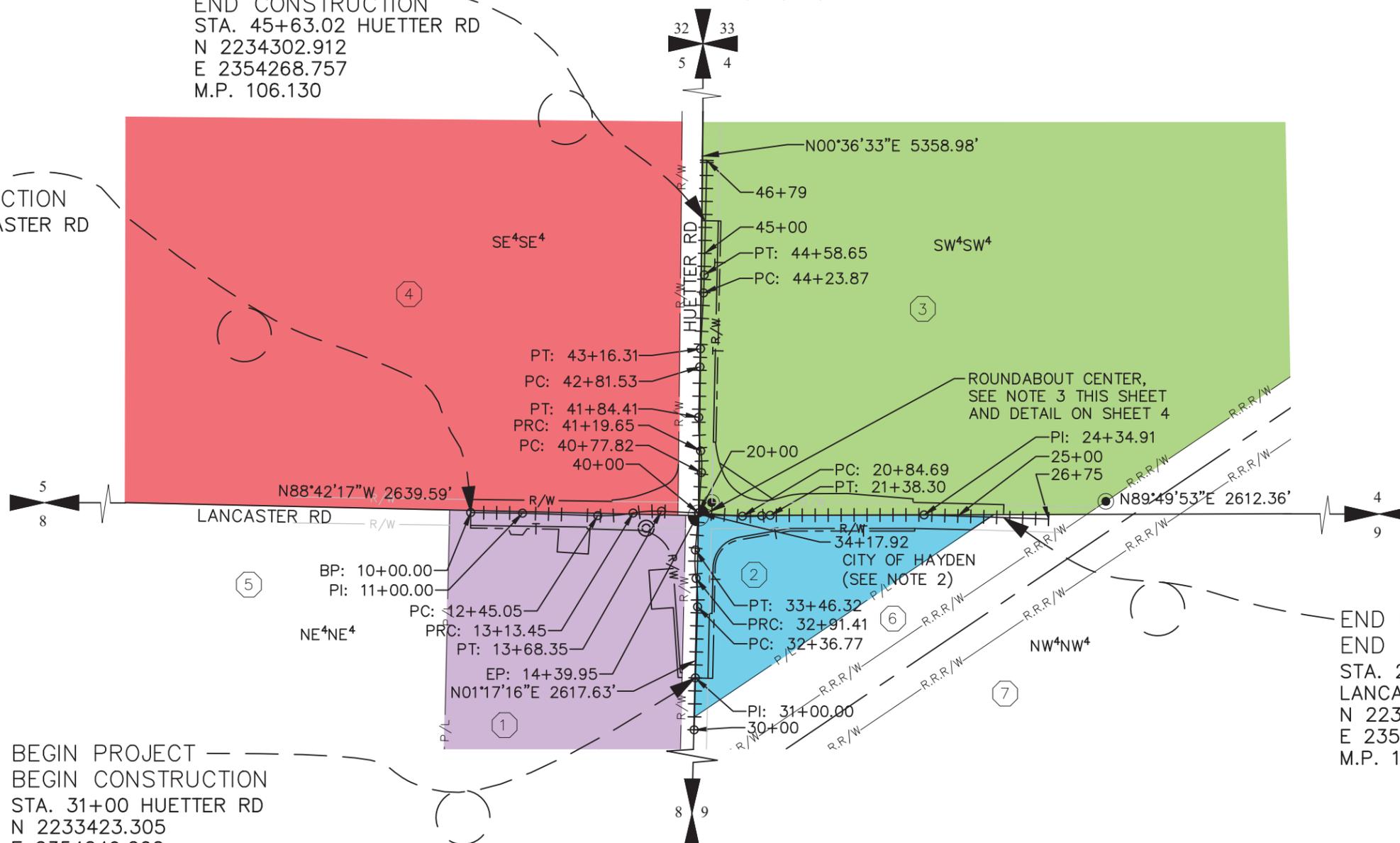
LEGEND	English
	SMA-7218
	LANCASTER & HUETTER
	LAKES HD

COUNTY	KOOTENAI
KEY NUMBER	22875
SHEET	1 OF 9

T. 51 N., R. 4 W., B.M.
SECTIONS 4, 5, 8, 9

END PROJECT
END CONSTRUCTION
STA. 45+63.02 HUETTER RD
N 2234302.912
E 2354268.757
M.P. 106.130

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 10+00 LANCASTER RD
N 2233741.378
E 2353816.286
M.P. 103.638



- NOTES:**
- TOTAL OWNERSHIP AREAS SHOWN REPRESENT THE AREAS FROM ASSESSOR'S DATA SHEETS. THE OWNERSHIP PARCELS WERE NOT SURVEYED AND SAID AREAS ARE APPROXIMATE. REMAINDER AREAS WERE CALCULATED BY DEDUCTING ANY ACQUISITIONS MADE AS A RESULT OF THIS PROJECT FROM THOSE APPROXIMATE AREAS.
 - THE CITY OF HAYDEN CITY LIMITS EXTEND TO THE NORTH AND WEST LINES OF SECTION 9.
 - ROUNABOUT CENTER STATIONING
LANCASTER RD WEST STA 14+39.95=
LANCASTER RD EAST STA 20+00.00
HUETTER RD SOUTH STA 34+17.92=
HUETTER RD NORTH STA 40+00.00
SEE DETAIL ON SHEET 4

END PROJECT
END CONST.
STA. 25+87.92 LANCASTER RD
N 2233731.830
E 2354843.062
M.P. 103.832

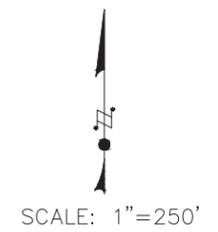
BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 31+00 HUETTER RD
N 2233423.305
E 2354249.262
M.P. 105.963

PARCEL NO.	PARCEL ID NO.	RECORD OWNER	TOTAL OWNERSHIP	RIGHT OF WAY		REMAINDER		EASEMENT	
			ASSESSED AC.	REQ'D AC.	EXIST AC.	LEFT AC.	RIGHT AC.	PERM AC.	TEMP AC.
1	22875L01	KYLE J AND BRITNE A MEYER	7.136	0.397	0.257	6.739			0.193
2	22875L02	JUSTIN AND HEATHER ARTS	2.530	0.565	0.492	1.965			0.081
3	22875L03	HAYDEN AREA REGIONAL SEWER BOARD	292.548	0.837	0.675		291.711	0.052	0.049
4	22875L04	AG4IDAHO LLC, DOUGLAS AND KATHRYN MEYER, WKLV LLC	77.576	0.267	0.210		77.309		
*5	INFO ONLY	WKLV LLC.	299.598	0	0				
*6	INFO ONLY	MISSOURI IMPROVEMENT CO.	1.796	0	0				
*7	INFO ONLY	WALTER MEYER	314.374	0	0				

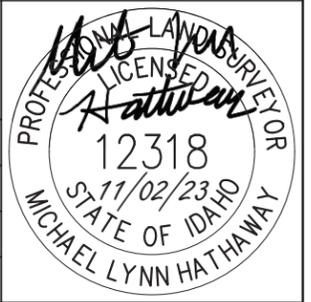
OFFICIAL

Oct 17 2024

R/W PLANS



ORIGINAL STORED
AT: 1TD, District 1
600 West Prairie,
Coeur d'Alene, ID



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	MLD	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 22875_OWN_001.DWG DRAWING DATE: 08-24-2023
DESIGN CHECKED	MLH	
DETAILED	MLH/MJD	
DRAWING CHECKED	MLH	

IDAHO
TRANSPORTATION
DEPARTMENT

WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

TOTAL OWNERSHIP MAP
SMA-7218
LANCASTER & HUETTER
LAKES HD

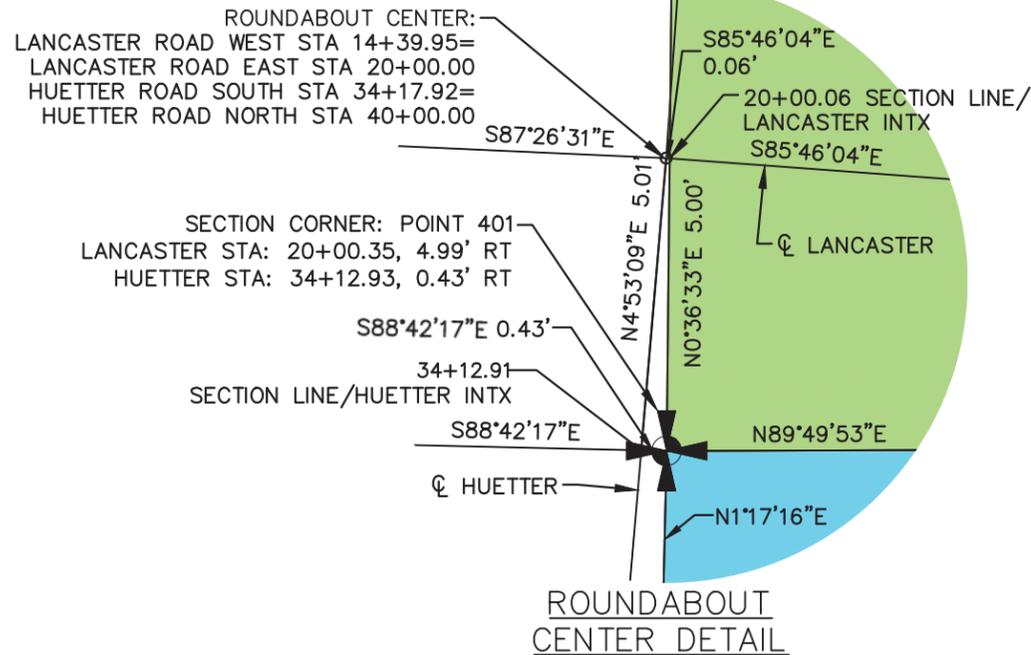
English

COUNTY
KOOTENAI

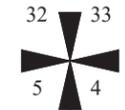
KEY NUMBER
22875

SHEET 2 OF 9

T. 51 N., R. 4 W., B.M.
SECTIONS 4, 5, 8, 9



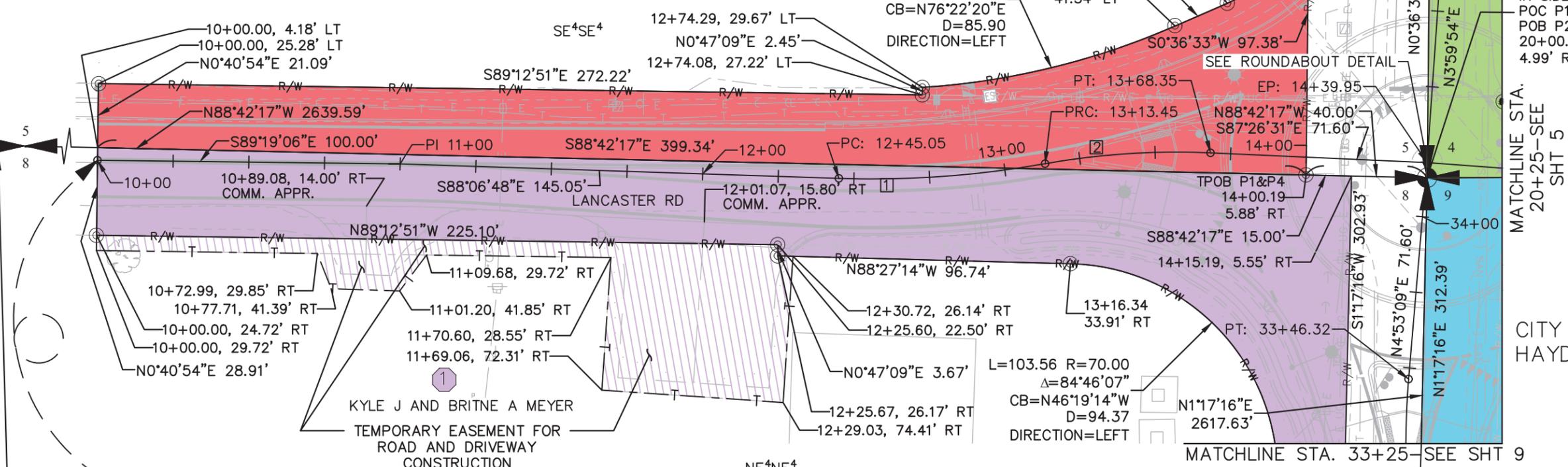
POINT #407
SECTION CORNER:
FOUND 3.5" ALUM CAP PER
CP&F NO. 2712845000



CURVE 1 Δ=11°54'43" L=68.40' R=329.00' CB=N85°55'50"E CD=68.28' DIRECTION=LEFT

CURVE 2 Δ=12°35'00" L=51.91' R=250.00' CB=N86°15'59"E CD=54.79' DIRECTION=RIGHT

PT. #401
SECTION CORNER: FOUND
2.5" ALUM CAP PER
CP&F NO. 2406314000
N: 2233735.630
E: 2354255.565
POC: P1, P4, P3-PE
POB: P2, P3



POINT #401 SEE INFO
IN SIDEBAR
POC P1, P4, & P3-PE
POB P2 & P3
20+00.38
4.99' RT

NOTES:
SEE PROJECT DEMOLITION PLAN,
UTILITY PLAN AND CL PLAN AND
PROFILE PLANS FOR ITEMS TO
PRESERVE AND PROTECT OR REMOVE.

OFFICIAL
Oct 17 2024
R/W PLANS

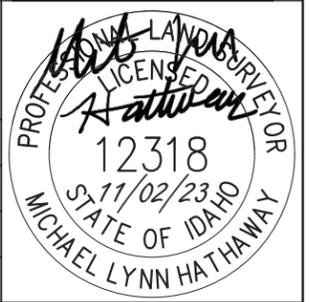


BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 10+00 LANCASTER RD
N 2233741.378
E 2353816.286
M.P. 103.638

PARCEL	POINT OF COMMENCEMENT TO TRUE POINT OF BEGINNING	TRUE POINT OF BEGINNING STATION AND OFFSET
1	N88°42'17"W 40.00'	14+00.19, 5.88' RT
4	N88°42'17"W 40.00'	14+00.19, 5.88' RT

POINT #404
1/4 SECTION CORNER
FOUND 2" ALUM CAP PER
CP&F NO. 2657126000

ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	MLH/MLD	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	MLH	CADD FILE NAME 22875_ROW_001.DWG
DETAILED	MLD	DRAWING DATE: 08-24-2023
DRAWING CHECKED	MLH	

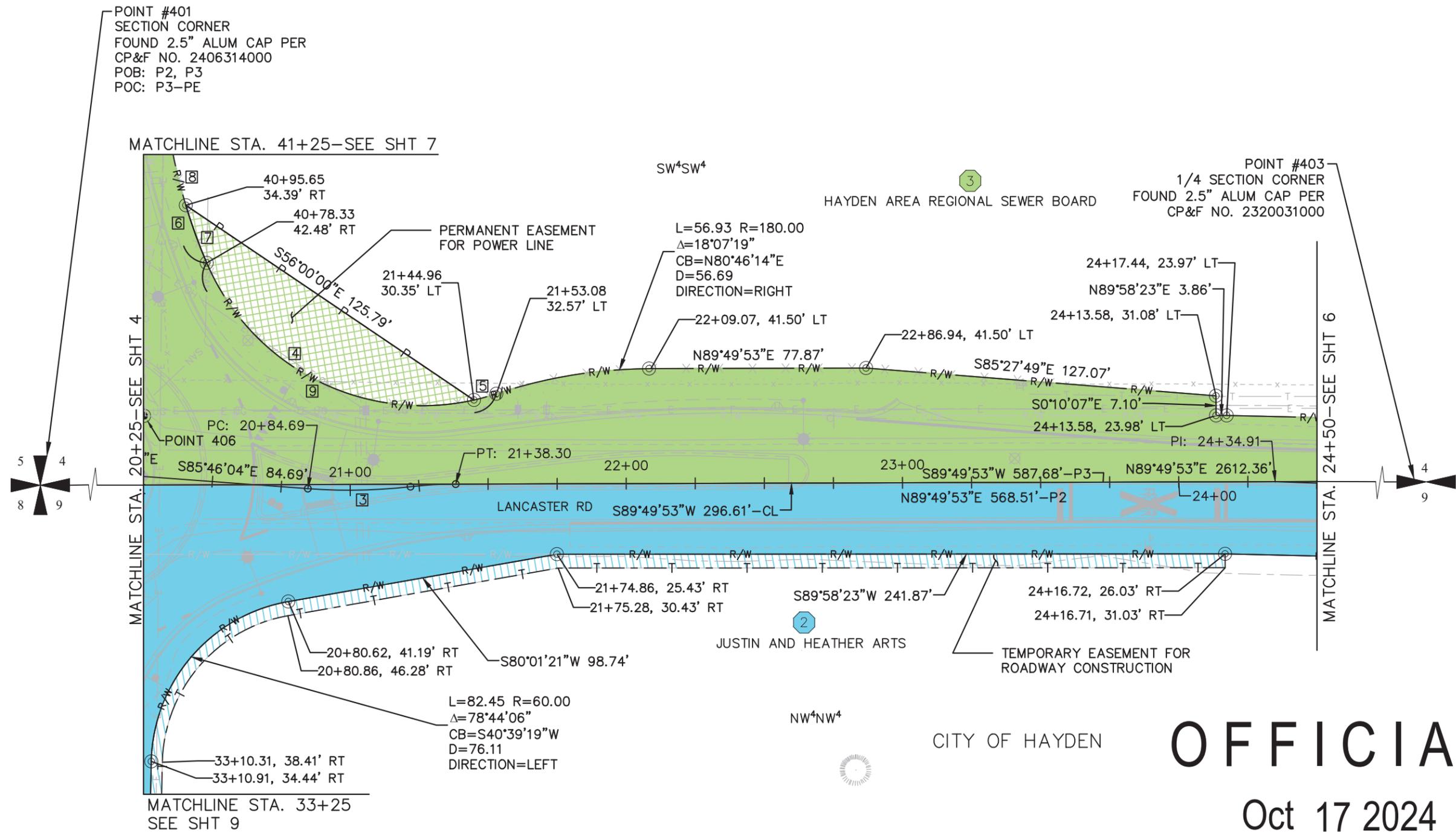
IDAHO TRANSPORTATION DEPARTMENT
WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

RIGHT OF WAY PLAN
SMA-7218
LANCASTER & HUETTER
LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 3 OF 9

T. 51 N., R. 4 W., B.M.
SECTIONS 4, 9



CURVE 3 Δ=10°39'46" L=37.22' R=200.00' CB=N88°54'03"E CD=37.16' DIRECTION=LEFT	CURVE 4 Δ=79°26'31" L=117.85' R=85.00' CB=N62°53'24"W CD=108.64' DIRECTION=RIGHT
CURVE 5 Δ=5°40'46" L=8.43' R=85.00' CB=N74°32'57"E CD=8.42' DIRECTION=LEFT	CURVE 6 Δ=18°02'39" L=62.99' R=200.00' CB=S14°08'50"E CD=62.73' DIRECTION=LEFT
CURVE 7 Δ=6°21'14" L=22.18' R=200.00' CB=N19°59'32"W CD=22.17' DIRECTION=RIGHT	CURVE 8 Δ=11°41'24" L=40.81' R=200.00' CB=N10°58'12"E CD=40.74' DIRECTION=LEFT
CURVE 9 Δ=85°07'17" L=126.28' R=85.00' CB=S65°43'47"E CD=114.98' DIRECTION=LEFT	

NOTES:
SEE PROJECT DEMOLITION PLAN,
UTILITY PLAN AND CL PLAN AND
PROFILE PLANS FOR ITEMS TO
PRESERVE AND PROTECT OR REMOVE.

OFFICIAL
Oct 17 2024
R/W PLANS



PARCEL	POINT OF COMMENCEMENT TO TRUE POINT OF BEGINNING	TRUE POINT OF BEGINNING STATION AND OFFSET
3-PE	N00°36'33"E 101.54', S89°23'27"E 39.18'	40+95.65, 34.39' RT

ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 4 OF 9

PROFESSIONAL LAND SURVEYOR
LICENSED
A. Attwood
12318
STATE OF IDAHO
MICHAE LYNN HATHAWAY

REVISIONS				DESIGNED	MLH/MLD	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	MLH	CADD FILE NAME 22875_ROW_001.DWG

IDAHO
TRANSPORTATION
DEPARTMENT

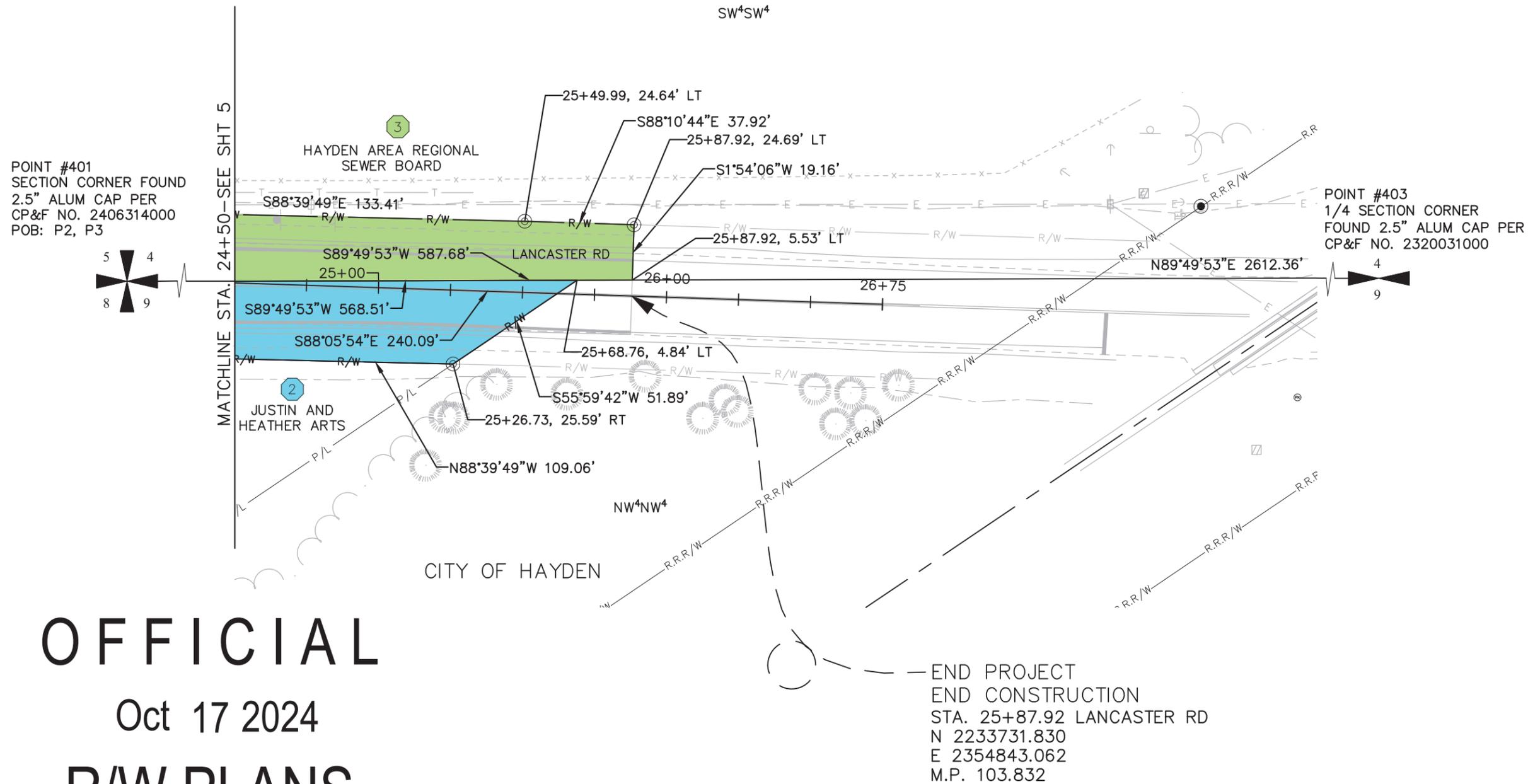
WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

RIGHT OF WAY PLAN
SMA-7218
LANCASTER & HUETTER
LAKES HD

T. 51 N., R. 4 W., B.M.
SECTIONS 4, 9

NOTES:
SEE PROJECT DEMOLITION PLAN,
UTILITY PLAN AND CL PLAN AND
PROFILE PLANS FOR ITEMS TO
PRESERVE AND PROTECT OR REMOVE.



POINT #401
SECTION CORNER FOUND
2.5" ALUM CAP PER
CP&F NO. 2406314000
POB: P2, P3

POINT #403
1/4 SECTION CORNER
FOUND 2.5" ALUM CAP PER
CP&F NO. 2320031000

END PROJECT
END CONSTRUCTION
STA. 25+87.92 LANCASTER RD
N 2233731.830
E 2354843.062
M.P. 103.832

OFFICIAL

Oct 17 2024

R/W PLANS



ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED MLH/MLD
DESIGN CHECKED MLH
DETAILED MLD
DRAWING CHECKED MLH

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 22875_ROW_001.DWG
DRAWING DATE: 08-24-2023

IDAHO TRANSPORTATION DEPARTMENT
WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

RIGHT OF WAY PLAN
SMA-7218
LANCASTER & HUETTER
LAKES HD

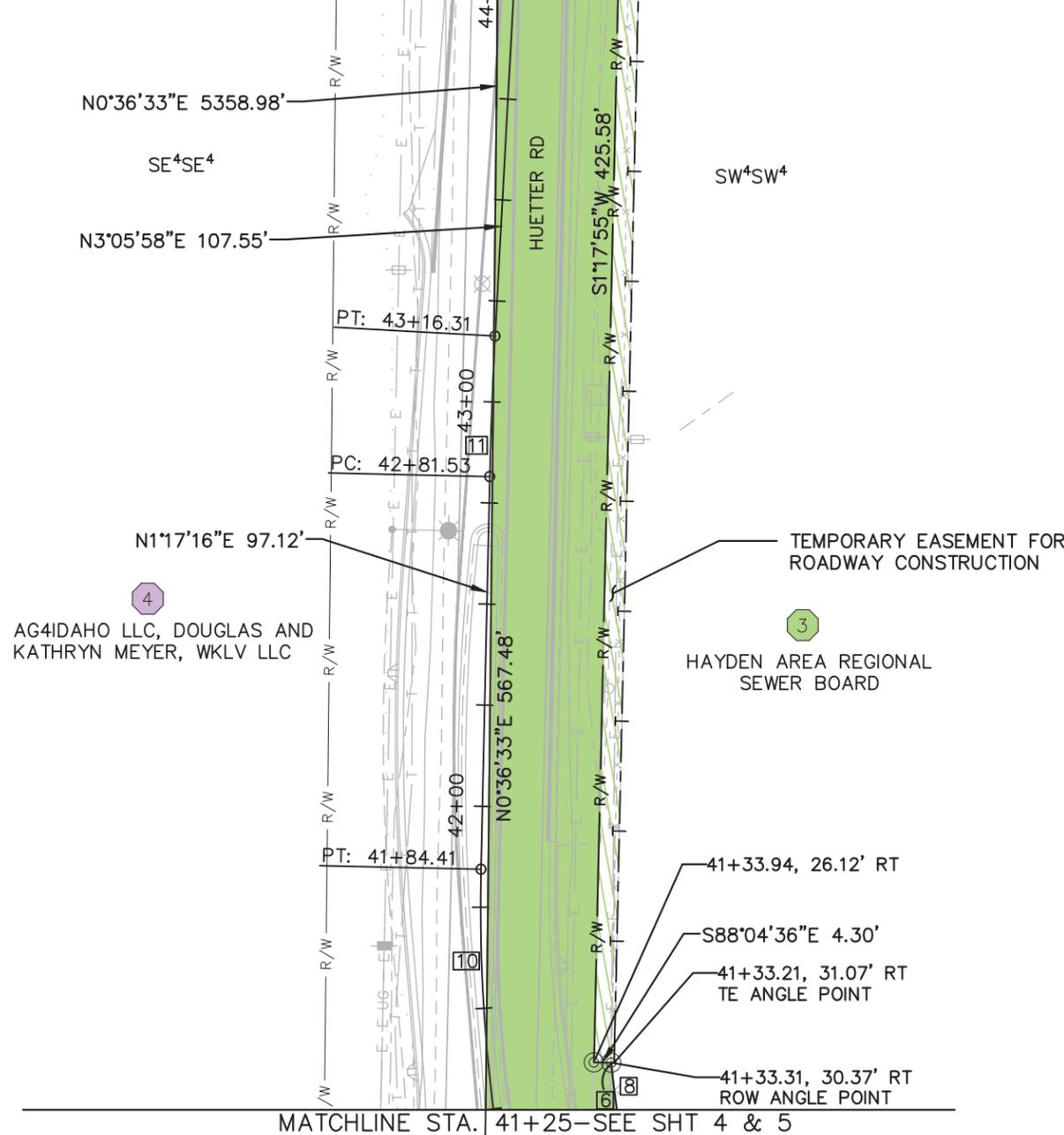
English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 5 OF 9

PROFESSIONAL LAND SURVEYOR
LICENSED
Michael Lynn Hathaway
12318
STATE OF IDAHO
MICHAE LYNN HATHAWAY

T. 51 N., R. 4 W., B.M.
SECTIONS 4, 5

32 33 POINT #407
SECTION CORNER
FOUND 3.5" ALUM CAP PER
CP&F NO. 2712845000

MATCHLINE STA. 44+00-SEE SHT 8



5 4 POINT #401
SECTION CORNER
FOUND 2.5" ALUM CAP PER
CP&F NO. 2406314000
POB: P2, P3

MATCHLINE STA. 41+25-SEE SHT 4 & 5

CURVE 6 Δ=18°02'39" L=62.99' R=200.00' CB=S14°08'50"E CD=62.73' DIRECTION=LEFT
CURVE 8 Δ=11°41'24" L=40.81' R=200.00' CB=N10°58'12"E CD=40.74' DIRECTION=LEFT

CURVE 10 Δ=11°59'10" L=41.84' R=200.00' CB=N1°59'41"E CD=41.76' DIRECTION=RIGHT
CURVE 11 Δ=9°16'32" L=64.76' R=400.00' CB=N3°21'00"E CD=64.68' DIRECTION=RIGHT

NOTES:

SEE PROJECT DEMOLITION PLAN, UTILITY PLAN AND CL PLAN AND PROFILE PLANS FOR ITEMS TO PRESERVE AND PROTECT OR REMOVE.



OFFICIAL
Oct 17 2024
R/W PLANS

ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID



REVISIONS			
NO.	DATE	BY	DESCRIPTION
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△			
△			
△			
△			

DESIGNED MLH/MLD
DESIGN CHECKED MLH
DETAILED MLD
DRAWING CHECKED MLH

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 22875_ROW_001.DWG
DRAWING DATE: 08-24-2023

IDAHO TRANSPORTATION DEPARTMENT
WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

RIGHT OF WAY PLAN
SMA-7218
LANCASTER & HUETTER
LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 6 OF 9

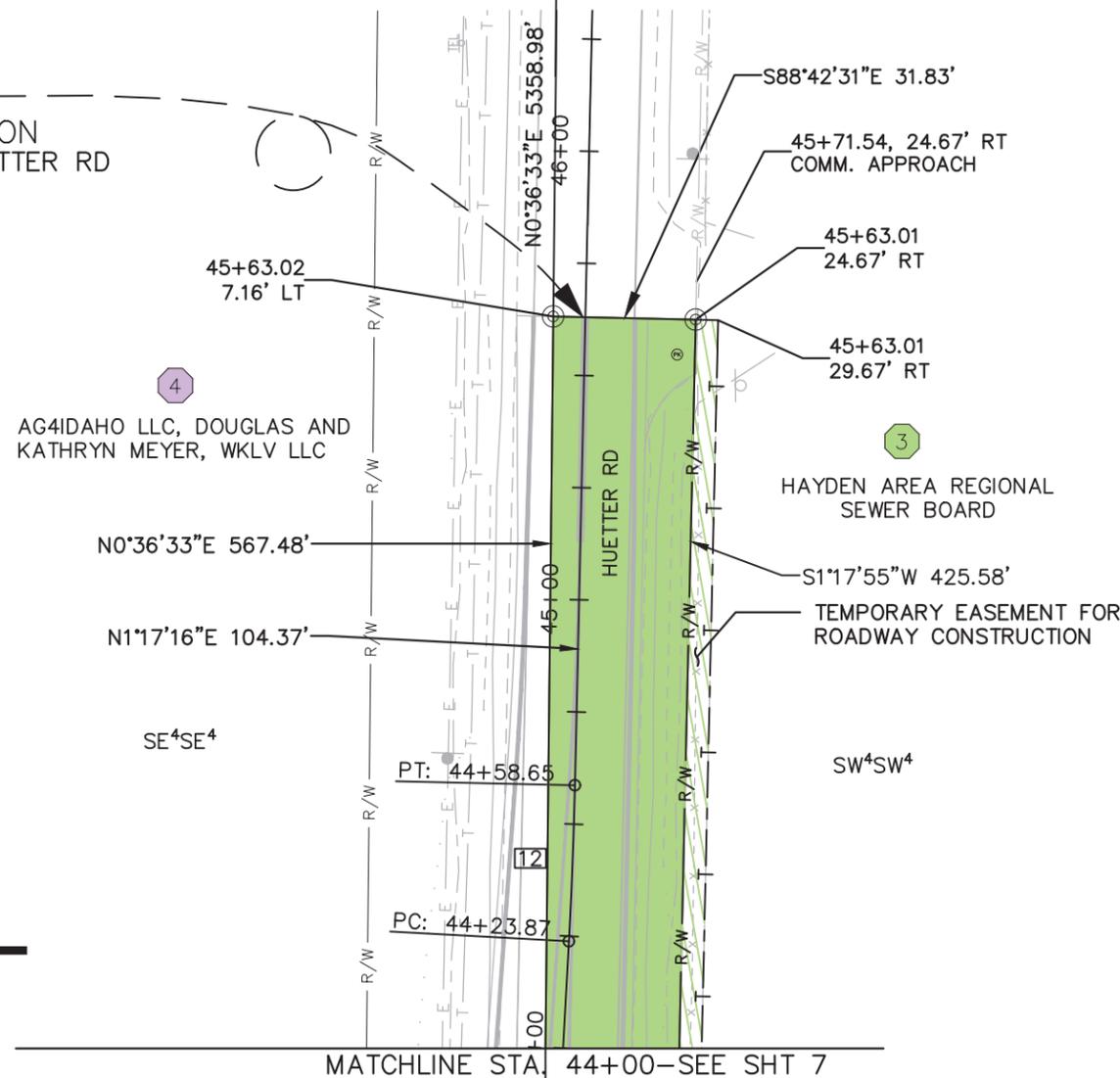
T. 51 N., R. 4 W., B.M.
SECTIONS 4, 5

POINT #407
SECTION CORNER
FOUND 3.5" ALUM CAP PER
CP&F NO. 2712845000

CURVE 12
Δ=1°58'42"
L=34.78'
R=1100.00'
CB=N2°11'37"E
CD=34.78'
DIRECTION=RIGHT

NOTES:
SEE PROJECT DEMOLITION PLAN,
UTILITY PLAN AND CL PLAN AND
PROFILE PLANS FOR ITEMS TO
PRESERVE AND PROTECT OR REMOVE.

END PROJECT
END CONSTRUCTION
STA. 45+63.02 HUETTER RD
N 2234302.912
E 2354268.757
M.P. 106.130



AG4IDAHO LLC, DOUGLAS AND
KATHRYN MEYER, WKLV LLC

HAYDEN AREA REGIONAL
SEWER BOARD

OFFICIAL

Oct 17 2024

R/W PLANS



MATCHLINE STA. 44+00-SEE SHT 7

POINT #401
SECTION CORNER
FOUND 2.5" ALUM CAP PER
CP&F NO. 2406314000
POB: P2, P3

ORIGINAL STORED
AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

REVISIONS				DESIGNED	MLH/MLD	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	MLH	CADD FILE NAME 22875_ROW_001.DWG
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△						
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IDAHO
TRANSPORTATION
DEPARTMENT



WELCH COMER ENGINEERS

PROJECT NO.
A022(875)

RIGHT OF WAY PLAN
SMA-7218
LANCASTER & HUETTER
LAKES HD

English
COUNTY
KOOTENAI
KEY NUMBER
22875
SHEET 7 OF 9

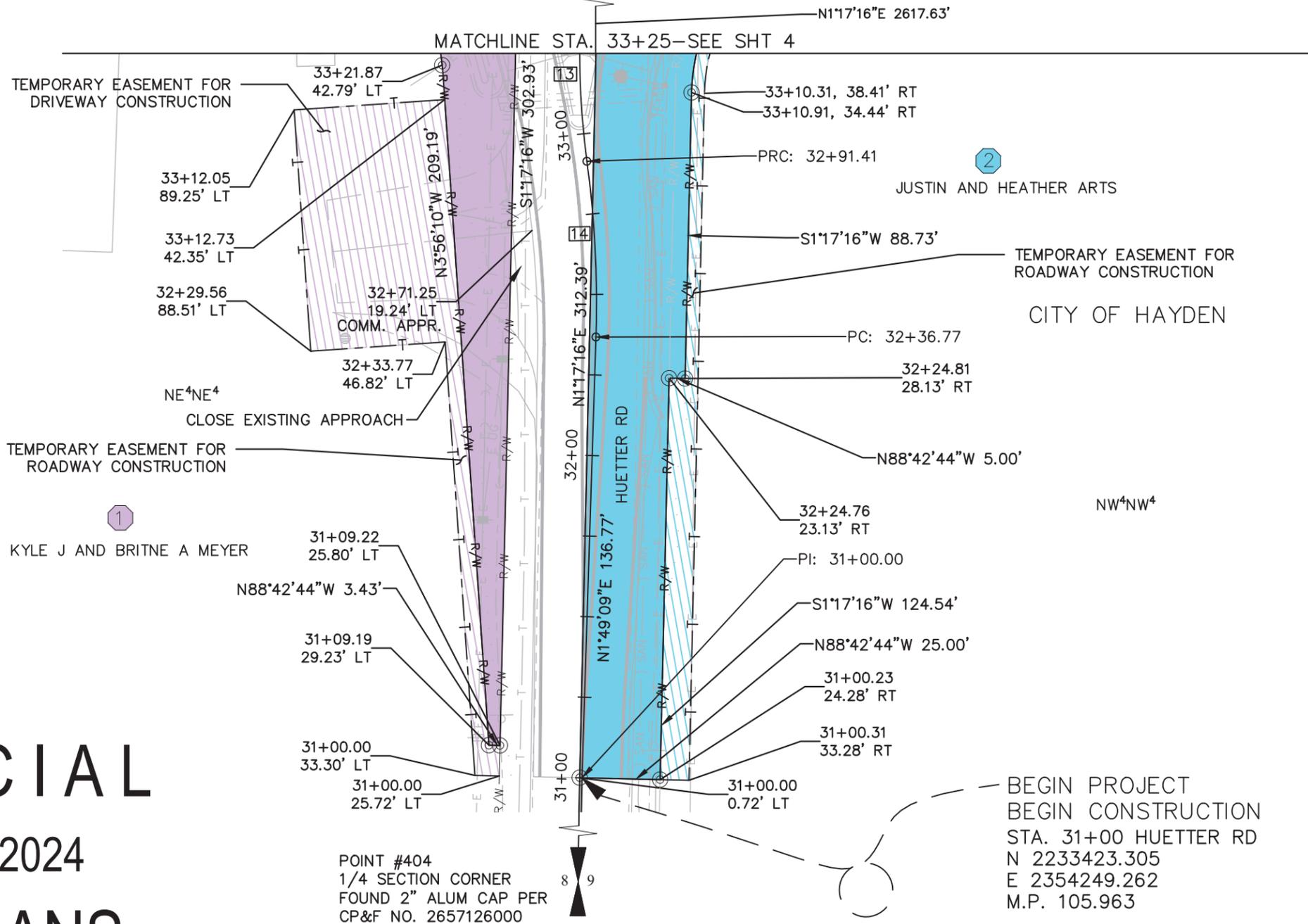
PROFESSOR
MICHAEL LYNN HATHAWAY
LICENSED SURVEYOR
12318
STATE OF IDAHO
11/02/23

T. 51 N., R. 4 W., B.M.
SECTIONS 8, 9



POINT #401
SECTION CORNER
FOUND 2.5" ALUM CAP PER
CP&F NO. 2406314000
POB: P2, P3

CURVE 13	CURVE 14
Δ=12°35'00"	Δ=9°31'00"
L=54.91'	L=54.65'
R=250.00'	R=329.00'
CB=N1°24'21"E	CB=N2°56'21"E
CD=54.79'	CD=54.58'
DIRECTION=RIGHT	DIRECTION=LEFT



NOTES:
SEE PROJECT DEMOLITION PLAN,
UTILITY PLAN AND CL PLAN AND
PROFILE PLANS FOR ITEMS TO
PRESERVE AND PROTECT OR REMOVE.

OFFICIAL

Oct 17 2024

R/W PLANS

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 31+00 HUETTER RD
N 2233423.305
E 2354249.262
M.P. 105.963



REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	MLH/MLD	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY CADD FILE NAME 22875_ROW_001.DWG DRAWING DATE: 08-24-2023
DESIGN CHECKED	MLH	
DETAILED	MLD	
DRAWING CHECKED	MLH	

IDAHO
 TRANSPORTATION
 DEPARTMENT
 WELCH COMER ENGINEERS

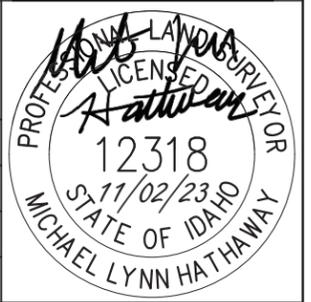


PROJECT NO.	A022(875)
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RIGHT OF WAY PLAN
SMA-7218
LANCASTER & HUETTER
LAKES HD

English
COUNTY KOOTENAI
KEY NUMBER 22875
SHEET 8 OF 9

ORIGINAL STORED
 AT: ITD, District 1
 600 West Prairie,
 Coeur d'Alene, ID

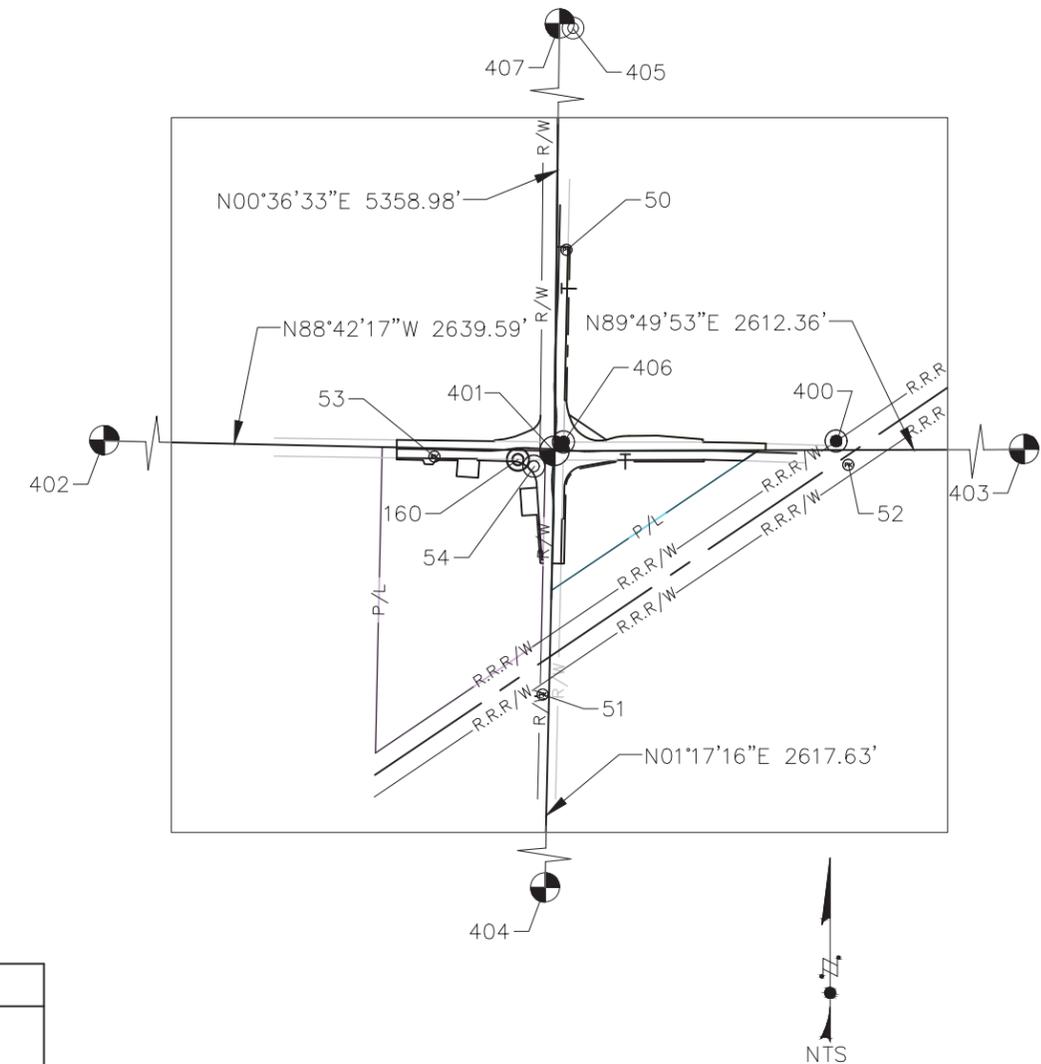


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Oct 17 2024

R/W PLANS

FOUND MONUMENTS						
Point No.	STATION	OFFSET	GROUND COORDINATES		NAVD 88	DESCRIPTION
			NORTHING	EASTING	ELEVATION	
400			2233762.89	2355040.62	2275.59	5/8" REBAR W/YPC "PLS 5573"
401	20+00.38	4.99 RT	2233735.63	2354255.56	2278.27	AC 2.5IN
402			2233795.30	2351616.65	2278.43	AC 2.5IN "PLS 11187"
403			2233743.31	2356867.91	2278.47	AC 2.5IN
404			2231118.66	2354196.74	2284.15	AC 2IN 12463
405			2239071.04	2354340.48	2265.40	NT 1/2IN ROD BENT POE
406	20+23.59	21.87 LT	2233760.70	2354280.70	2277.53	REB5 YPC "PLS 12318"
407			2239094.31	2354312.54	2266.98	AC 3.5IN "PLS 6107"



SURVEY CONTROL						
POINT NO.	STATION	OFFSET	GROUND COORDINATES		NAVD 88	DESCRIPTION
			NORTHING	EASTING	ELEVATION	
50	45+55.12	20.71 RT	2234294.56	2354289.28	2270.68	PK WASHER
51			2233058.38	2354222.59	2282.09	PK WASHER
52			2233696.74	2355074.14	2281.58	NAI WASHER
53	11+05.88	19.99 RT	2233720.02	2353921.49	2275.59	PK WASHER
54	13+84.93	50.05 RT	2233693.09	2354198.36	2275.71	REB5 PPC
133			2240458.05	2364953.93	2306.27	2.5IN AC
142			2226143.47	2359333.02	2293.62	2.5IN AC
160	13+35.94	32.19 RT	2233711.10	2354154.38	2276.64	2.5IN AC

BASIS OF BEARING:

THE COORDINATES SHOWN ARE BASED UPON THE IDAHO COORDINATE SYSTEM OF 1983, WEST ZONE, NAD83 (2011) (EPOCH 2010.0000), AND HAVE BEEN ADJUSTED FROM STATE PLANE GRID COORDINATES TO PROJECT COORDINATES USING A PROJECT COMBINED ADJUSTMENT FACTOR (C.A.F) OF 1.0000930031 AT 0,0. A CONVERGENCE ANGLE OF $-0^{\circ}48'57''$ WAS COMPUTED AT SURVEY CONTROL POINT 160.

VERTICAL DATUM:

NAVD 88, GEOID 18

NOTE:

NOT ALL CONTROL POINTS ARE SHOWN ON THE MAP DUE TO SCALE CONSTRAINTS.

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED	MLD	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	MLH	
DETAILED	MLD	CADD FILE NAME 22875_CTRL_001.DWG
DRAWING CHECKED	MLH	DRAWING DATE: 08-24-2023

IDAHO
TRANSPORTATION
DEPARTMENT



WELCH COMER ENGINEERS

PROJECT NO.	A022(875)
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SURVEY CONTROL
SMA-7218
LANCASTER & HUETTER
LAKES HD

English	
COUNTY	KOOTENAI
KEY NUMBER	22875
SHEET 9 OF 9	

ORIGINAL STORED AT: ITD, District 1
600 West Prairie,
Coeur d'Alene, ID

