

**DESIGN DESIGNATION**

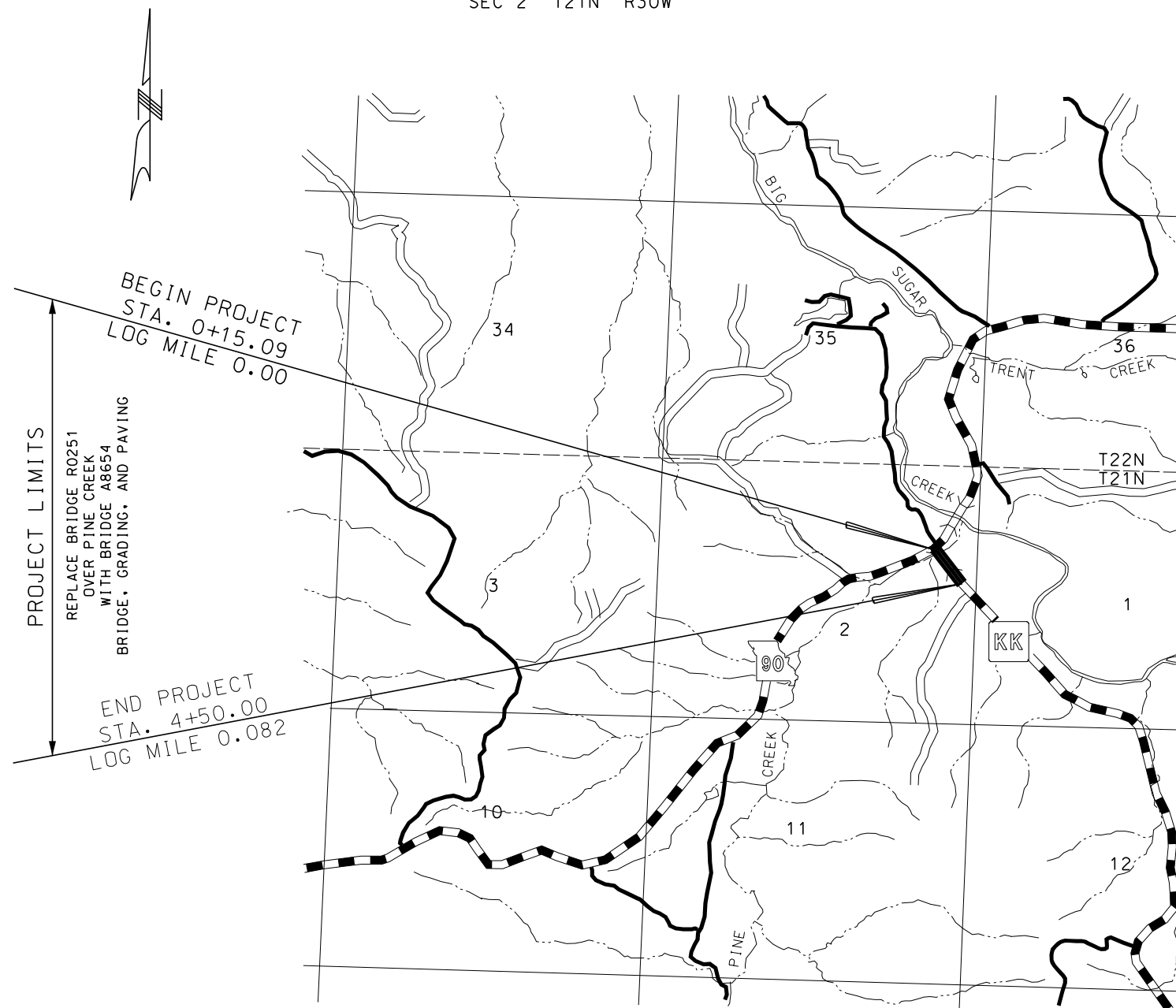
A.A.D.T. - 2019 = 267  
 A.A.D.T. - 2039 = 297  
 D.H.V. = 9%  
 T = 10%  
 V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION- MINOR COLLECTOR

**NO NEW RIGHT OF WAY  
 TO BE ACQUIRED**

**MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
 PLANS FOR PROPOSED  
 STATE HIGHWAY  
 PRELIMINARY PLANS  
 MCDONALD COUNTY**

SEC 2 T21N R30W



**CONVENTIONAL SYMBOLS**

(USED IN PLANS)

EXISTING NEW

- BUILDINGS AND STRUCTURES
- GUARD RAIL
- CONCRETE RIGHT-OF-WAY MARKER
- STEEL RIGHT-OF-WAY MARKER
- LOCATION SURVEY MARKER
- UTILITIES
- FIBER OPTICS
- OVERHEAD TELEPHONE
- UNDERGROUND TELEPHONE
- OVERHEAD POWER
- UNDERGROUND POWER
- GAS
- WATER
- MANHOLE
- FIRE HYDRANT
- WATER VALVE
- WATER METER
- DROP INLET
- DITCH BLOCK
- GROUND MOUNTED SIGN
- LIGHT POLE
- H-FRAME POWER POLE
- TELEPHONE PEDESTAL
- FENCE
- CHAIN LINK
- WOVEN WIRE
- GATE POST
- BENCHMARK

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

**INDEX OF SHEETS**

DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (XX SHEETS)---	2
QUANTITIES (QU) (XX SHEETS)-----	-
PLAN-PROFILE (PP)-----	3
REFERENCE POINTS (RP)-----	-
COORDINATE POINTS (CP)-----	-
SPECIAL SHEETS (SS)-----	-
TRAFFIC CONTROL SHEETS (TC)-----	-
EROSION CONTROL SHEETS (EC)-----	-
SIGNING (SN)-----	-
PAVEMENT MARKING (PM)-----	-
BRIDGE DRAWINGS (B)	
A####-----	-
A####-----	-
A####-----	-
A####-----	-
CROSS SECTIONS (XS)-----	-

"THIS MEDIA SHOULD NOT BE CONSIDERED A CERTIFIED DOCUMENT."

DATE

DATE PREPARED  
10/6/2017

ROUTE STATE  
KK MO  
DISTRICT SHEET NO.  
SW 1

COUNTY  
MCDONALD

JOB NO.  
J7S3158

CONTRACT ID.

PROJECT NO.

BRIDGE NO.  
A8654

DATE	DESCRIPTION

**LENGTH OF PROJECT**

BEGINNING OF PROJECT	STA. 0+15.09
END OF PROJECT	STA. 4+50.00
APPARENT LENGTH	434.91 FEET
EQUATIONS AND EXCEPTIONS:	NONE

TOTAL CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	434.91 FEET
STATE LENGTH	0.082 MILES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



**Crafton, Tull & Associates, Inc.**  
 901 N. 47<sup>th</sup> Street, Suite 200, Rogers, AR 72756  
 479.636.4838 FAX: 479.631.6224 www.craftontull.com  
**Architects, Engineers & Surveyors**

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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DATE PREPARED  
10/6/2017

ROUTE  
KK MO

DISTRICT  
SW SHEET NO. 2

COUNTY  
MCDONALD

JOB NO.  
J7S3158

CONTRACT ID.

PROJECT NO.

BRIDGE NO.  
A8654

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

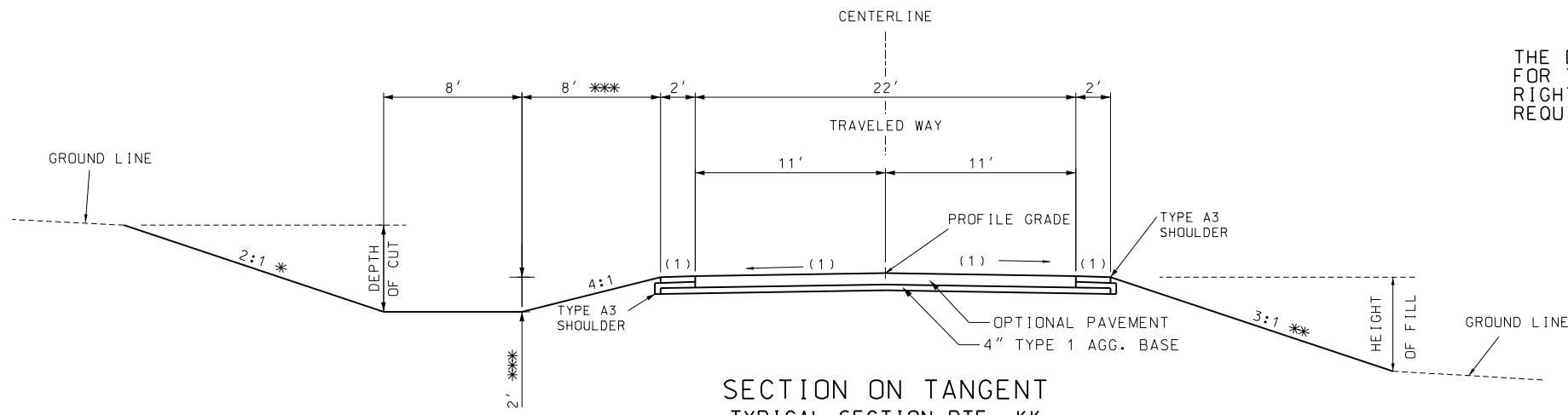
**MoDOT**

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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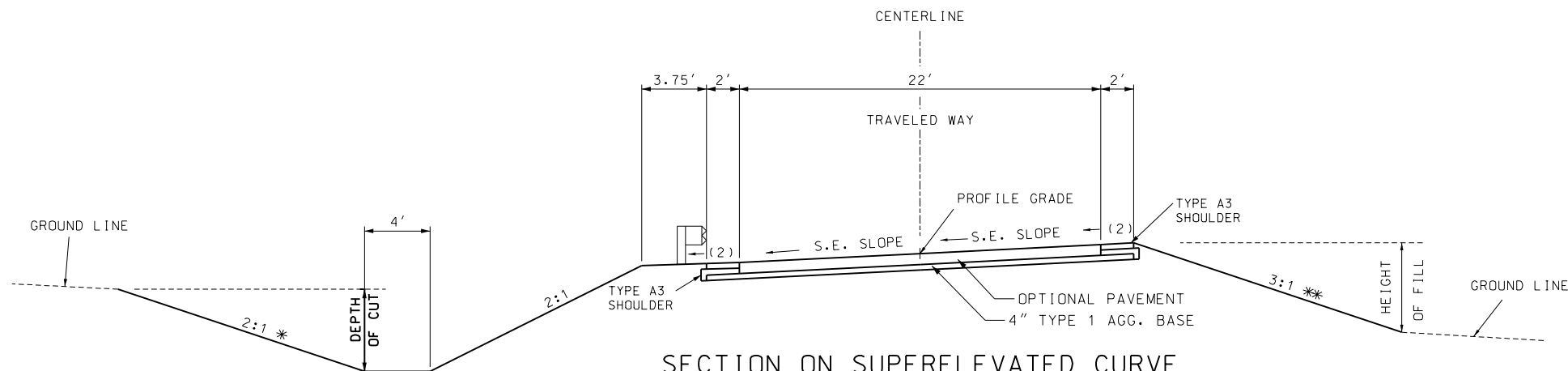
THE DESIGN GUIDE FOR THE WIDTH OF RIGHT OF WAY FOR THIS PROJECT WILL BE 70 FEET, MORE OR LESS. RIGHT OF WAY MAY BE SECURED TO SATISFY THE REQUIREMENTS OF THE DESIGN FEATURES OF THIS HIGHWAY.



SECTION ON TANGENT  
TYPICAL SECTION RTE. KK  
STA. 0+15.09 TO STA. 2+15.00

CROSS SLOPE  
(1) 2.0%  
(2) S.E. SLOPE IF GREATER THAN 2.0%.

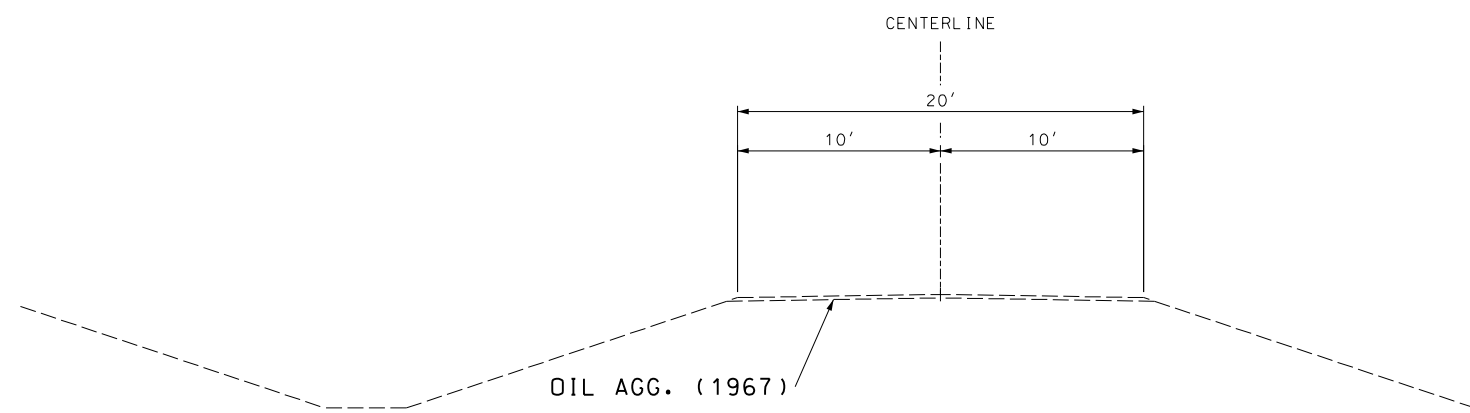
OPTIONAL PAVEMENT DESIGN	
CONCRETE OPTION	ASPHALT OPTION
8" JPCP 1-1/4" DOWELS 15' JOINTS	1.75" BP-1 (PG64-22) 8.25" BITUMINOUS BASE (PG64-22)



SECTION ON SUPERELEVATED CURVE  
TYPICAL SECTION RTE. KK  
STA. 2+15.00 TO STA. 4+50.00

- \* BACK SLOPE DETERMINED BY SOIL SURVEY.
- \*\* THE FILL SLOPE SHALL BE 4:1 OR FLATTER WHEN THE FILL HEIGHT IS EQUAL TO OR LESS THAN 2 FEET (I.E., THE OFFSET FROM THE TOE OF FILL TO THE SHOULDER POINT IS A MINIMUM OF 8 FEET). THE SLOPE MAY VARY TO MEET THIS REQUIREMENT. FOR FILL HEIGHTS GREATER THAN 2 FEET, THE SLOPE SHALL NOT EXCEED THE MAXIMUM SLOPE DETERMINED BY THE SOIL SURVEY.
- \*\*\* 4' DITCH DEPTH PREFERRED IF ALTERNATE 18" ROCK BASE IS USED. SIDE SLOPE WIDTH SHALL BE 16' FOR 4' DITCH DEPTH.

SEE STANDARDS 203.20, 606.00 AND 609.40 FOR SHOULDER WIDENING.



SECTION ON TANGENT  
EXIST. TYPICAL SECTION RTE. KK  
24' G.E. & GRAN. (1963)  
STA. 0+00.00 TO STA. 4+50.00

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DATE PREPARED  
10/6/2017

ROUTE KK STATE MO  
DISTRICT SW SHEET NO. 3

COUNTY MCDONALD  
JOB NO. J7S3158

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A8654

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
105 WEST CAPITOL JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

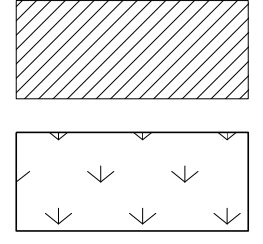
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ALL BEARINGS BASED ON STATE PLANE BEARINGS WESTERN ZONE

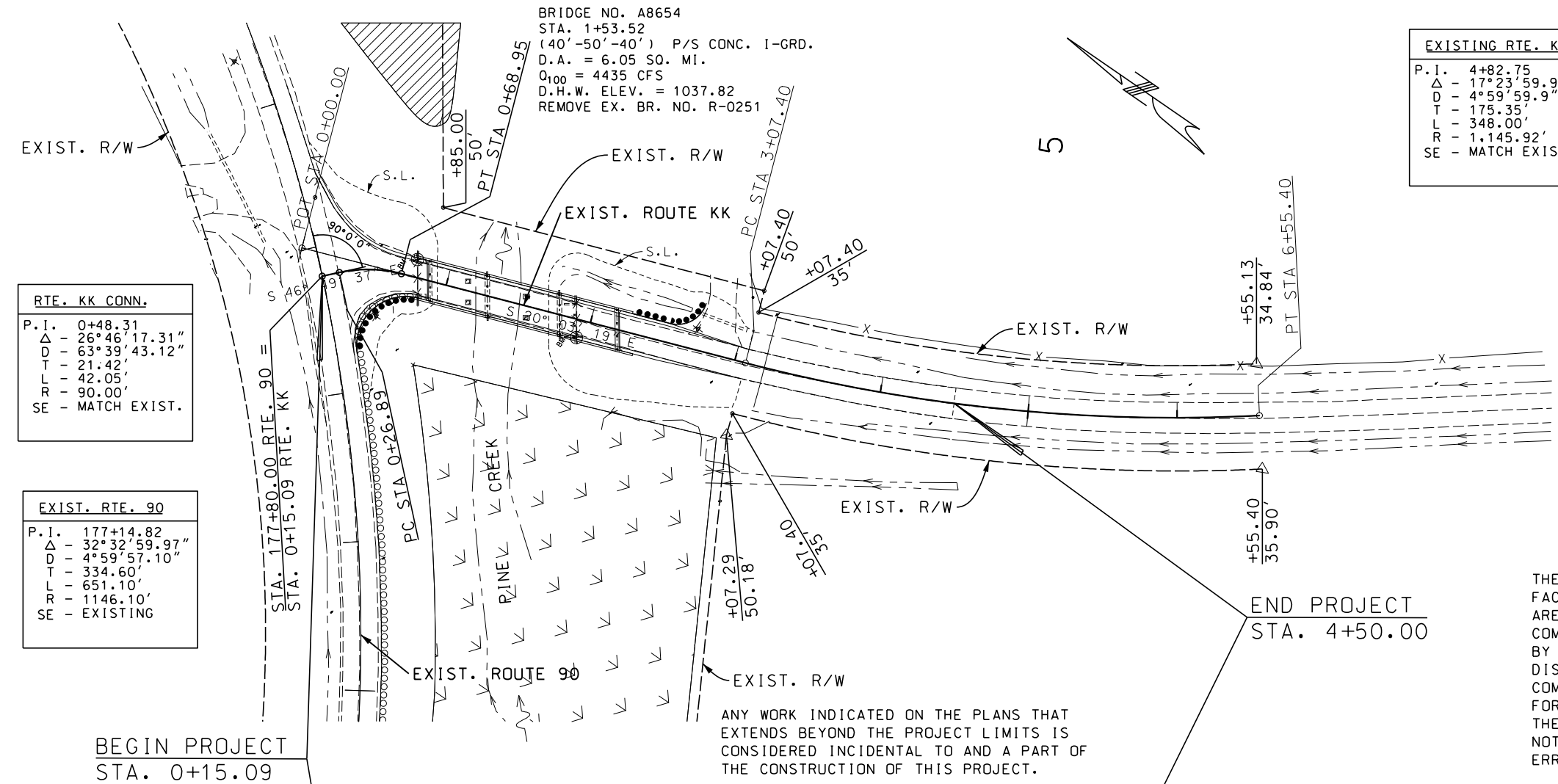
**EXISTING RTE. KK**  
P.I. = 4+82.75  
Δ = 17°23'59.9"  
D = 4°59'59.9"  
T = 175.35'  
L = 348.00'  
R = 1,145.92'  
SE - MATCH EXIST.

ARCHAEOLOGICAL SITE (DO NOT DISTURB)

WETLAND AREA (DO NOT DISTURB)



BRIDGE NO. A8654  
STA. 1+53.52  
(40'-50'-40') P/S CONC. I-GRD.  
D.A. = 6.05 SO. MI.  
Q<sub>100</sub> = 4435 CFS  
D.H.W. ELEV. = 1037.82  
REMOVE EX. BR. NO. R-0251

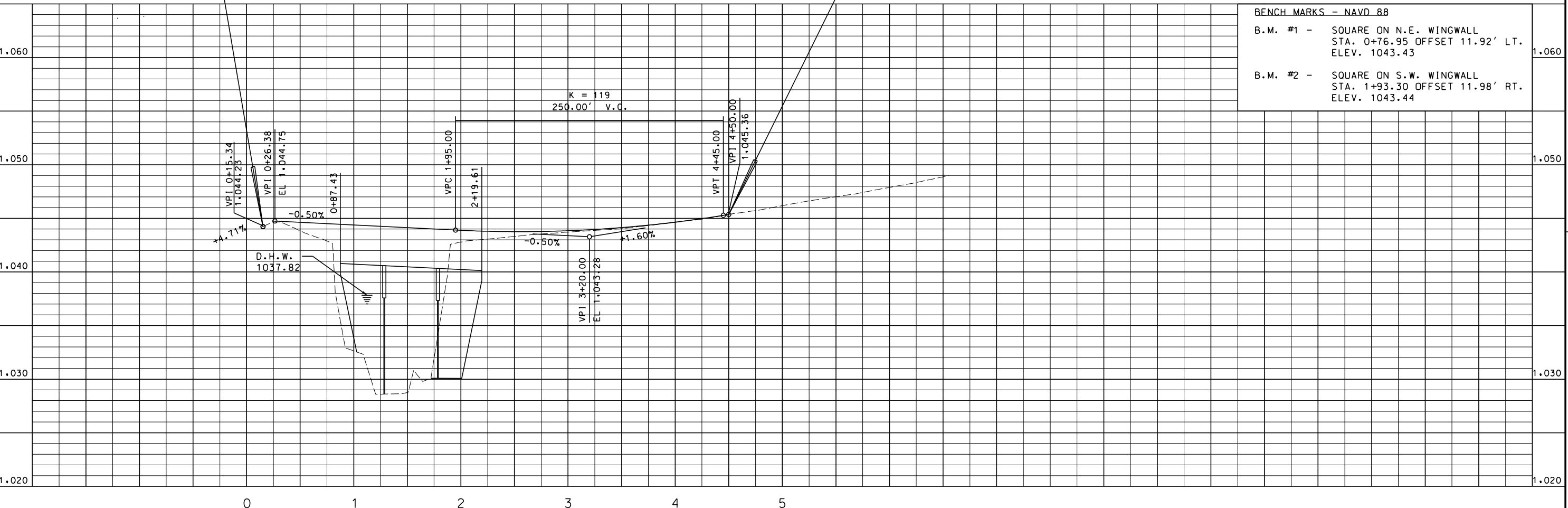


**RTE. KK CONN.**  
P.I. = 0+48.31  
Δ = 26°46'17.31"  
D = 63°39'43.12"  
T = 21.42'  
L = 42.05'  
R = 90.00'  
SE - MATCH EXIST.

**EXIST. RTE. 90**  
P.I. = 177+14.82  
Δ = 32°32'59.97"  
D = 4°59'57.10"  
T = 334.60'  
L = 651.10'  
R = 1146.10'  
SE - EXISTING

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION.

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