PLAN DESCRIPTION
INTERSECTIONAL TREATMENT AT
JCT HWY 43:12 & 3RD STREET EAST
IN NE 29-62-19-5

BAR CODE

PLAN No.	CONTRACT No.	SITE No.
IN-2187A-01-P	17970	2187

NO.	REVISION	BY	DATE
	AS-BUILT		
3	ISSUED FOR CONSTRUCTION	K.H.	09/12/16
2	ISSUED FOR TENDER	K.H.	30/09/16
1	ISSUED FOR REVIEW	D.D.	14/09/16

	BY	DATE
PHOTO No.		
TITLE SEARCH DATE		
GRAPHICS FILE		
SURVEYED	AMEC F/W	15/08/16
DESIGNED	K.H.	26/08/16
CHECKED	K.H.	07/09/16
DRAWN	T.O.L.	06/09/16

ISSUED FOR CONSTRUCTION
9 DECEMBER 2016

CONSULTANT
JOB No. PT16-0010 | PLAN No. IN-2187A-01-P
amec foster wheeler
Environment & Infrastructure

PERMIT TO PRACTICE
PERMIT TO PRACTICE
AMEC Foster Wheeler Environment & Infrastructure a Division of AMEC Foster Wheeler Americas Limited
Signature KP SMITH
Date 14 DECEMBER 2016
PERMIT NUMBER: P-04546
The Association of Professional Engineers, and Geoscientists of Alberta

DESIGNER
PROFESSIONAL ENGINEER ALBERTA
ORIGINAL STAMPED AND SIGNED BY
K.F. HELBERG
14 DEC. 2016

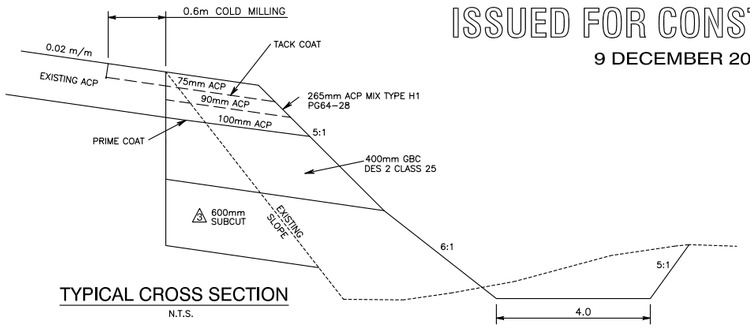
CHECKER
PROFESSIONAL ENGINEER ALBERTA
ORIGINAL STAMPED AND SIGNED BY
E. MIRANDA
14 DEC. 2016

INTERSECTIONAL TREATMENT AT
JCT HWY 43:12 & 3RD STREET EAST
IN SW 28-62-19-5

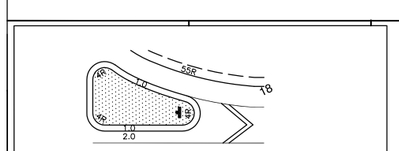
Alberta Transportation

REGION	SITE No.	PLAN No.	PROJECT	CONTRACT No.	SHEET
PEACE	2187	IN-2187A-01-P	HWY 43:12	17970	1 of 1

10m 0 20m HORIZONTAL
10m 0 20m VERTICAL



TYPICAL CROSS SECTION
N.T.S.



DETAIL "A"
RAISED CONCRETE ISLAND DETAIL
N.T.S.

Fox Creek

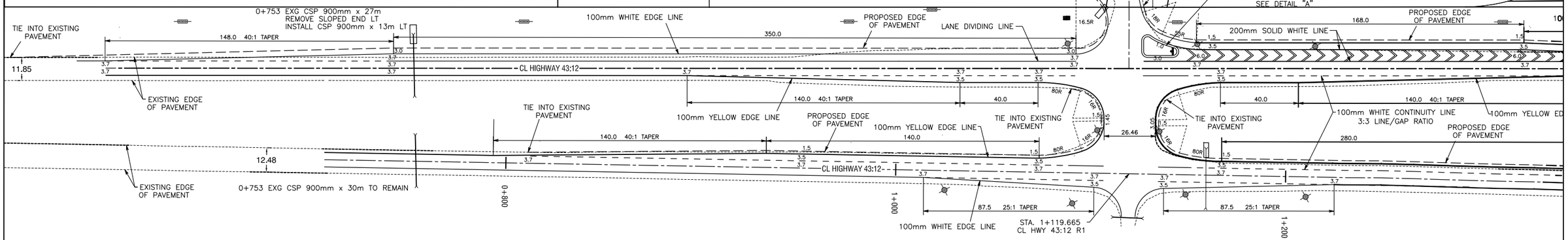
HIGHWAY AVE

1+111 EXG CSP 800mm x 30m CL SR
REMOVE SLOPED END RT
INSTALL CSP 800mm x 8m RT

CL 3RD STREET EAST

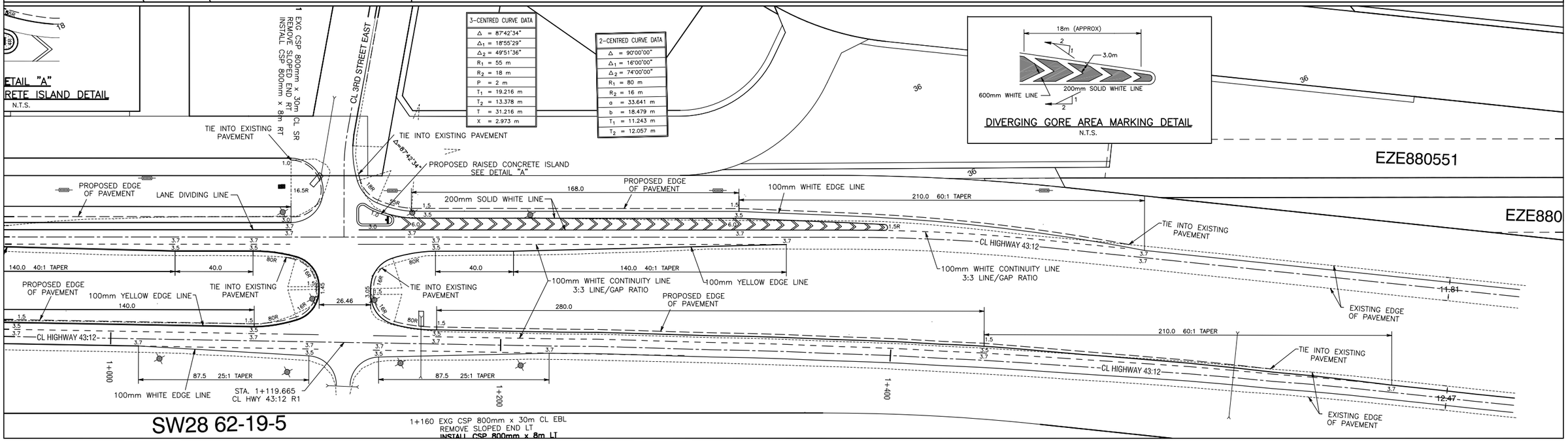
3-CENTRED CURVE DATA	
Δ	= 87°42'34"
$Δ_1$	= 18°55'29"
$Δ_2$	= 49°51'36"
R_1	= 55 m
R_2	= 18 m
P	= 2 m
T_1	= 19.216 m
T_2	= 13.378 m
T	= 31.216 m
X	= 2.973 m

2-CENTRED CURVE DATA	
Δ	= 90°00'00"
$Δ_1$	= 16°00'00"
$Δ_2$	= 74°00'00"
R_1	= 80 m
R_2	= 16 m
a	= 33.641 m
b	= 18.479 m
T_1	= 11.243 m
T_2	= 12.057 m



SW28 62-19-5

1+160 EXG CSP 800mm x 30m CL EBL
REMOVE SLOPED END LT
INSTALL CSP 800mm x 8m LT



SW28 62-19-5

1+160 EXG CSP 800mm x 30m CL EBL
REMOVE SLOPED END LT
INSTALL CSP 800mm x 8m LT