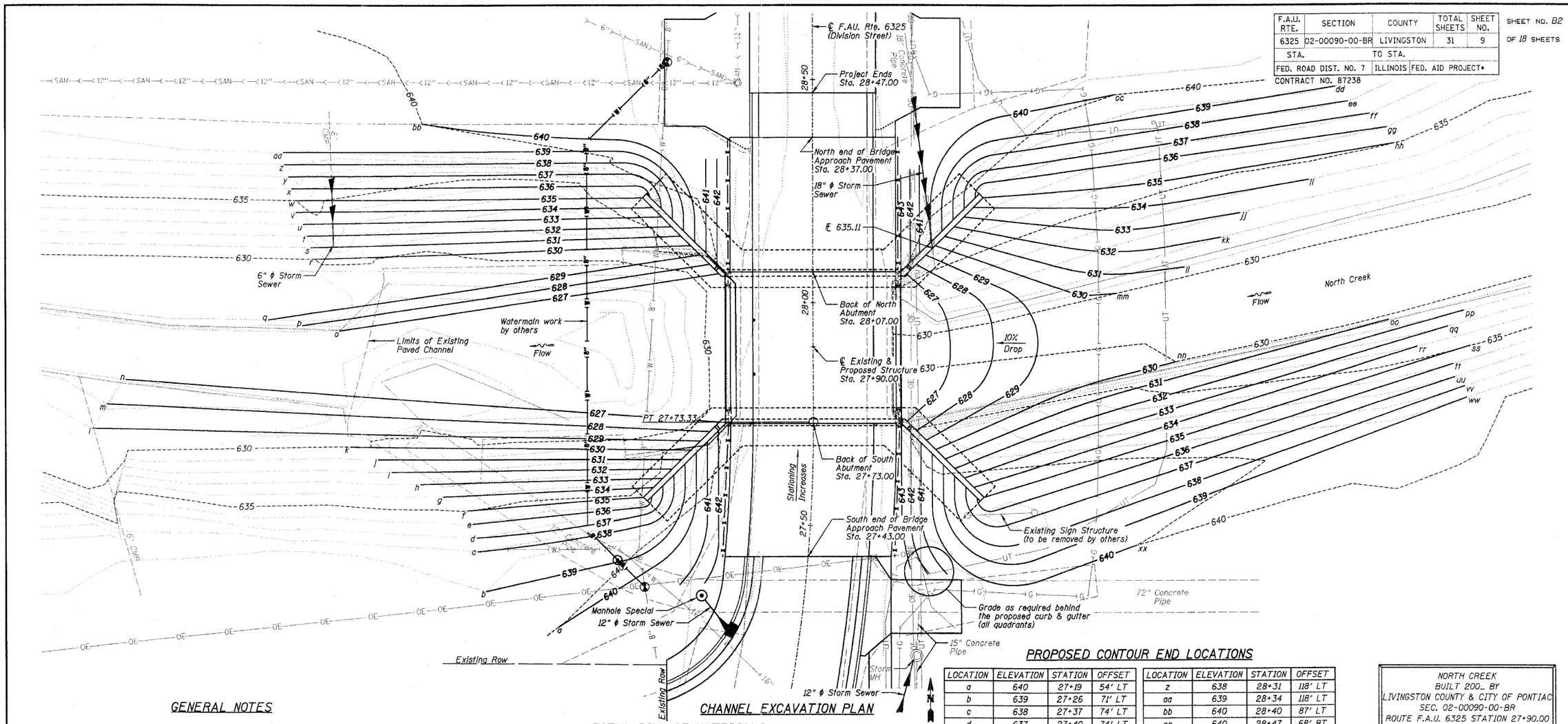
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6325	02-00090-00-BR	LIVINGSTON	31	9
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT*		
CONTRACT NO. 87238				

SHEET NO. B2 OF 18 SHEETS



GENERAL NOTES

1.) Reinforcement bars shall conform to the requirements of AASHTO M31, M42 or M53 Grade 60.
2.) Layout of slope protection system may be varied in the field to suit the ground conditions as directed by the Engineer.
3.) Backfill shall be placed behind the abutments after the superstructure has been poured and the falsework removed (see "Typical Section Thru Abutment" on Sheet B3 for maximum backfill elevation before superstructure is in place). See Article 502.10 of the Standard Specifications.
4.) The back face of Closed Abutments and their wingwalls shall be waterproofed according to Article 503.18 of the Standard Specifications.
5.) The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection.
6.) All construction joints shall be bonded.
7.) Excavation behind the existing abutment walls shall be done before removing the existing superstructure.
8.) The Contractor is to field locate all utilities before starting construction.
9.) Cast in place Class SI Concrete shall be used throughout except for the superstructure (Deck and T-Beams). The 14 day compressive strength is f'c = 4000 psi. Concrete clear cover shall be 2" unless otherwise shown.
10.) The concrete slab shall be finished in accordance with Article 503.17 of the Standard Specifications and shall be poured monolithically with the T-Beams in one continuous operation.
11.) For field data see Farnsworth Group Field Book 2233.
12.) It shall be the responsibility of the Contractor to divert the creek flow during construction in order to keep the construction areas free of water. The method of water diversion shall be subject to the approval of the engineer.
13.) The Contractor shall remove all of the existing paved channel concrete and the cost of removal shall be included with the cost of "Removal of Existing Structures".
14.) The Cofferdams shall be designed and constructed in accordance with Article 502.06 of the Standard Specifications. The Contractor shall pull all cofferdam sheet piling.
15.) Existing Plans are provided for information use only.
16.) All reinforcement bars shall be epoxy coated.
17.) E.F. denotes Each Face
F.F. denotes Front Face
B.F. denotes Back Face

CHANNEL EXCAVATION PLAN

TOTAL BILL OF MATERIALS

	ITEM	UNITS	TOTAL
	Porous Granular Embankment	Ton	1240
	Stone Riprap, Class A5	Ton	2170
	Filter Fabric For Use With Riprap	Sq Yd	1130
*	Removal of Existing Structures	Each	1
	Structure Excavation	Cu Yd	1860
	Rock Excavation For Structures	Cu Yd	210
	Cofferdam (Location 1)	Each	1
	Cofferdam (Location 2)	Each	1
	Floor Drains	Each	2
	Concrete Structures	Cu Yd	253.4
	Concrete Superstructure	Cu Yd	73.4
	Bridge Deck Grooving	Sq Yd	95
	Seal Coat Concrete	Cu Yd	66
	Protective Coat	Sq Yd	181
	Reinforcement Bars, Epoxy Coated	Pound	51900
	Name Plates	Each	1
*	Bar Splicers	Each	78
*	Concrete Rail	Foot	56
*	Remove & Reset Existing Railing End Scroll Pieces	Each	4

*Denotes See Special Provision.

PROPOSED CONTOUR END LOCATIONS

LOCATION	ELEVATION	STATION	OFFSET
a	640	27+19	54' LT
b	639	27+26	71' LT
c	638	27+37	74' LT
d	637	27+40	74' LT
e	636	27+44	75' LT
f	635	27+48	77' LT
g	634	27+51	82' LT
h	633	27+55	88' LT
i	632	27+58	94' LT
j	631	27+62	97' LT
k	630	27+65	104' LT
l	629	27+71	161' LT
m	628	27+77	158' LT
n	627	27+83	154' LT
o	627	27+94	106' LT
p	628	27+95	114' LT
q	629	27+96	122' LT
r	630	28+10	112' LT
s	631	28+13	112' LT
t	632	28+15	113' LT
u	633	28+18	114' LT
v	634	28+20	116' LT
w	635	28+23	116' LT
x	636	28+26	117' LT
y	637	28+28	117' LT

LOCATION	ELEVATION	STATION	OFFSET
z	638	28+31	118' LT
aa	639	28+34	118' LT
bb	640	28+40	87' LT
cc	640	28+47	68' RT
dd	639	28+48	117' RT
ee	638	28+45	120' RT
ff	637	28+42	125' RT
gg	636	28+39	128' RT
hh	635	28+35	130' RT
ii	634	28+28	111' RT
jj	633	28+20	95' RT
kk	632	28+15	91' RT
ll	631	28+08	83' RT
mm	630	28+02	68' RT
nn	630	27+87	81' RT
oo	631	27+96	129' RT
pp	632	27+98	146' RT
qq	633	27+94	142' RT
rr	634	27+90	135' RT
ss	635	27+90	147' RT
tt	636	27+86	143' RT
uu	637	27+83	143' RT
vv	638	27+81	146' RT
ww	639	27+79	146' RT
xx	640	27+50	73' RT

Note: Stations and offsets for the proposed contour end locations are from the roadway ℄.

NORTH CREEK
BUILT 200_ BY
LIVINGSTON COUNTY & CITY OF PONTIAC
SEC. 02-00090-00-BR
ROUTE F.A.U. 6325 STATION 27+90.00
F.A. PROJ. BRM-5056 (13)
STR. NO. 053-7105 LOADING HS20

NAME PLATE DETAIL

See Standard 515001

NOTES:

1.) See Channel Cross Sections on Sheets 29-31.
2.) Contractor to field locate all utilities before starting channel excavation.

SECTION 02-00090-00-BR
LIVINGSTON COUNTY
PONTIAC, ILLINOIS

CHANNEL EXCAVATION PLAN, GENERAL NOTES AND TOTAL BILL OF MATERIALS

DESIGNED BY J.M.L.	Farnsworth GROUP	FILE NO. 24-6884
DRAWN BY D.J.M.	2709 McGraw Drive Bloomington, Illinois 61704 309/663-8435 309/663-1871 fax	DATE 01-14-05
CHECKED BY M.S.W.		SHEET NO. 9 OF 31