STREET IMPROVEMENTS

NORTH HALF of ORME STREET

FROM THE E.L. EASTERN TO E.L. EXECUTIVES INC. ADDN.

PROJECT NUMBER

472·76·245·81587·000·000·001

GENERAL NOTES

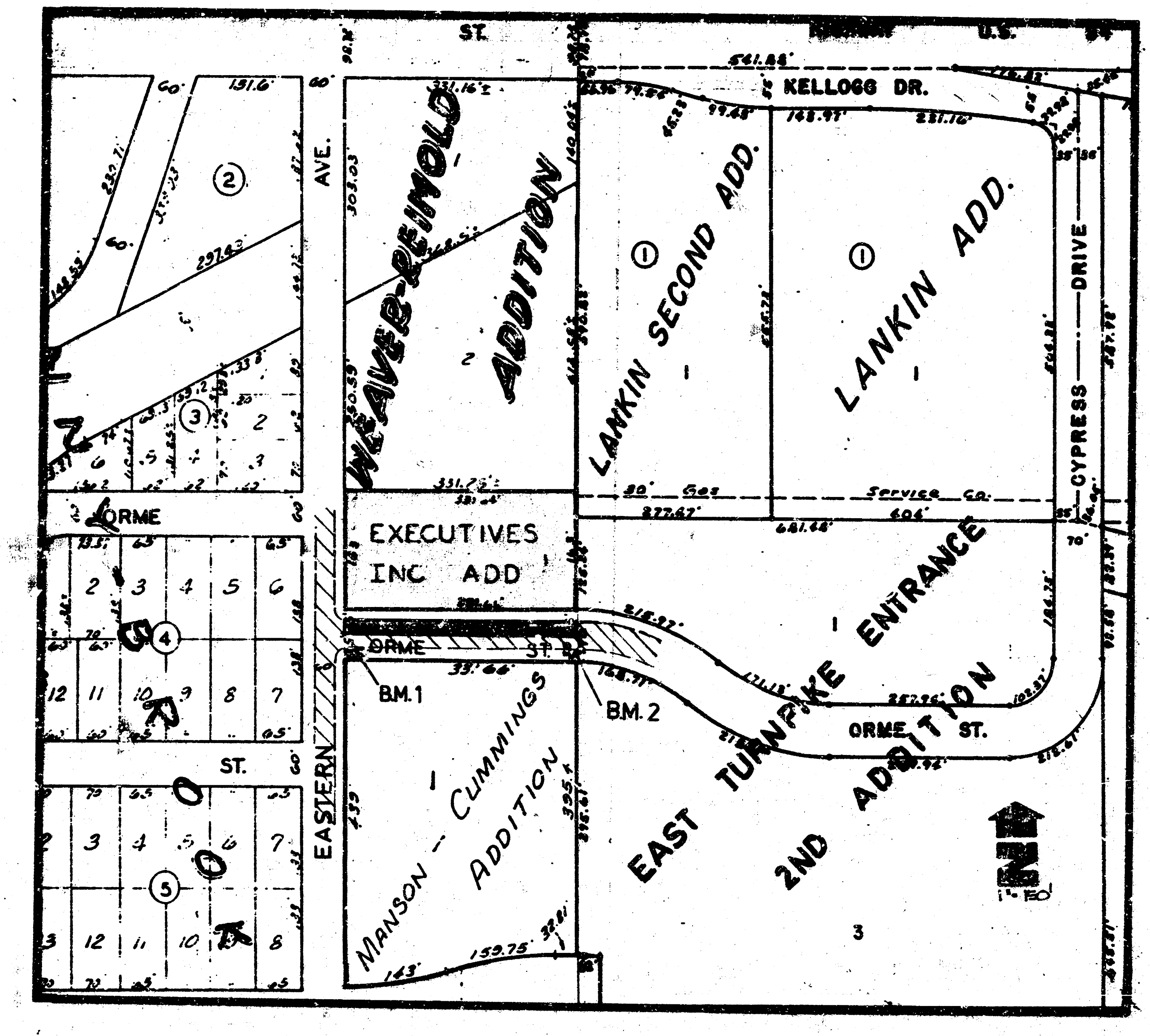
1. Underground utility service lines and overhead utility pole lines are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The Contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
2. Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
3. The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state laws.
4. Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to any excavation, as follows:

Kansas One-Call	687-2470

The Contractor must notify the following in case of an emergency:

Cablevision	262-4270 or 263-2061
K.P L. Gas Service Company	263-7511
Kansas Gas & Electric Company	264-1141
Arkla Gas Company	942-8350 or 263-8161
Southwestern Bell Telephone Company	1-871-2611
City of Wichita Water Department	268-4908
City of Wichita Sewer Maintenance	268-4071

5. The contractor shall be required to maintain one lane of traffic open on Orme St. during construction of this project at all times.



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2. . . . . . .TYPICAL PVMNT. SECTION
3. . . . . PLAN SHEET
4. . . EARTHWK. CROSS-SECTIONS

BENCHMARKS

1. "□" CUT TOP CB, STA. 0+30, 20.5' RT, (S.E. COR. ORME & EASTERN) ELEV. = 143.21 CITY DATUM
2. "□" CUT TOP CB, STA. 3+62.4, 20.5' RT, ELEV. = 149.58 CITY DATUM

CITY of WICHITA, KANSAS
MICHAEL E. LINDEBAK
CITY ENGINEER

☐ BENEFIT DISTRICT

INDEX CODE
769293

N. BRENT WOOTEN
LICENSED
8476
KANSAS
PROFESSIONAL ENGINEER

TITLE SHEET

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Design:	Drawn:	Approved:	Date:	Scale:	Sheet: 1 of: 4
N.B. WOOTEN	SONNY	NBW.	JAN 90	NOTED	

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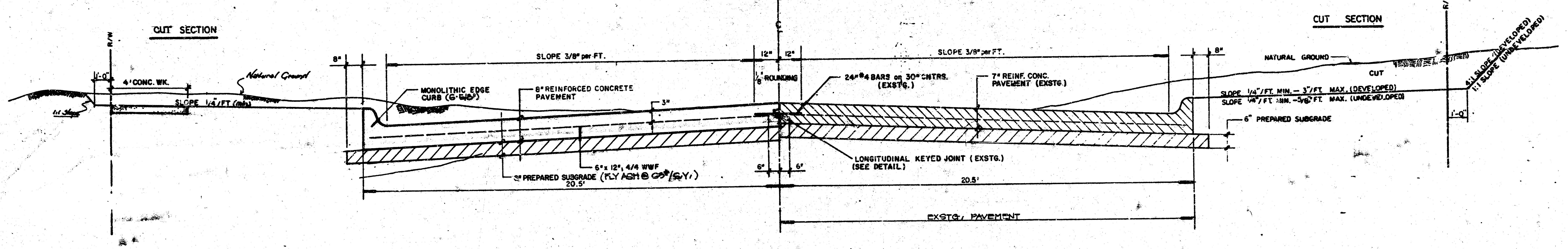
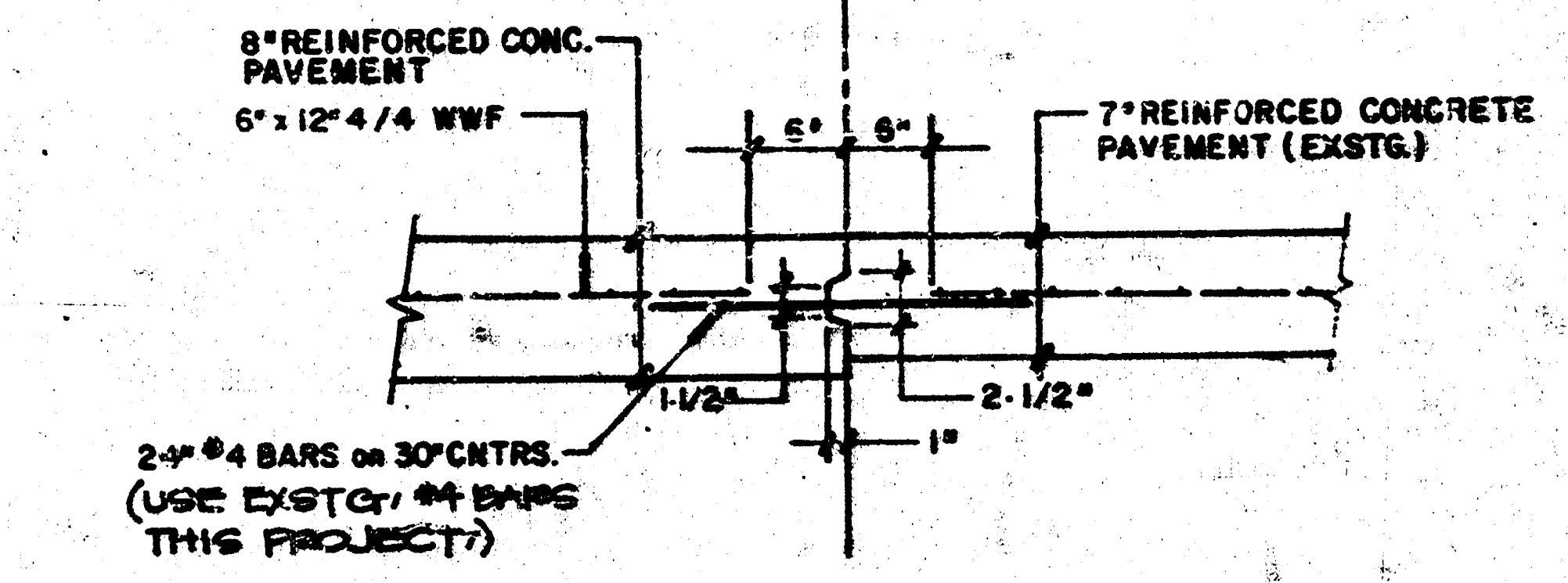
TYPICAL 41' PAVEMENT DETAILS

(EXSTG. 7" REINF. CONC. PVMT. / PROP. 8" REINF. CONC.)
PAVEMENT

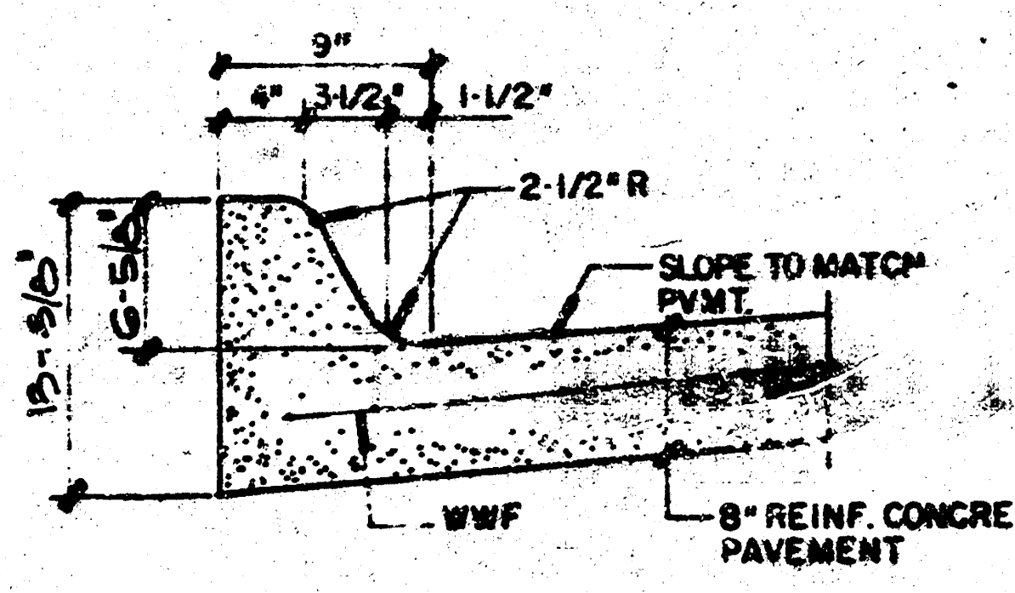
TRANSVERSE SECTION

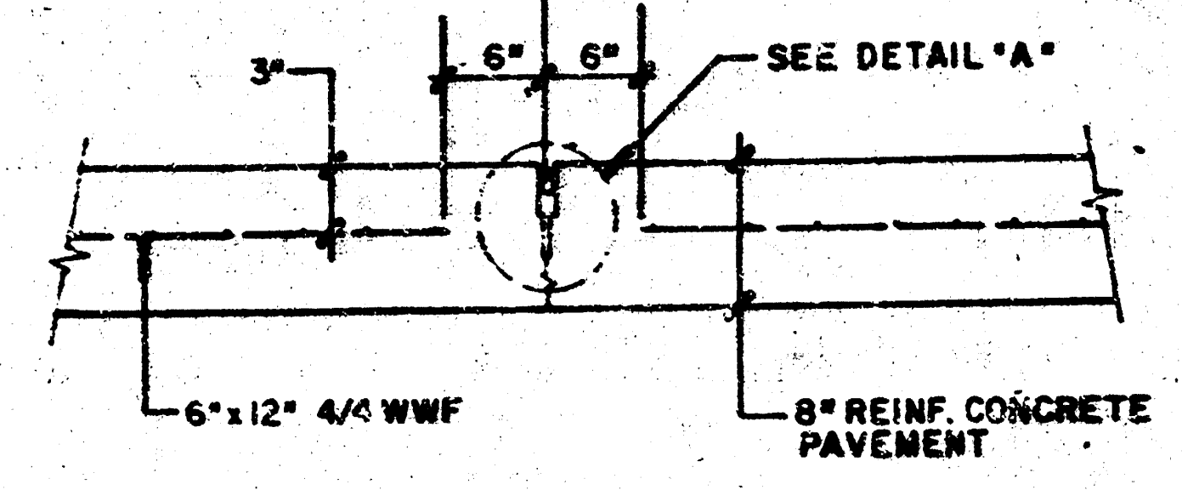

CUT SECTION
R/W
1'-0"
4' CONC. WK.
Natural Ground
SLOPE 1/4"/FT (min)
1:1 Slope
8"
SLOPE 3/8" per FT.
12"
12"
℄
1/8" ROUNDING
MONOLITHIC EDGE CURB (G-5/8")
8" REINFORCED CONCRETE PAVEMENT
3"
6" x 12", 4/4 WWF
3" PREPARED SUBGRADE (FLY ASH @ 65#/S.Y.)
20.5'
6"
6"
24" #4 BARS on 30" CNTRS. (EXSTG.)
7" REINF. CONC. PAVEMENT (EXSTG.)
LONGITUDINAL KEYED JOINT (EXSTG.) (SEE DETAIL.)
20.5'
EXSTG. PAVEMENT
SLOPE 3/8" per FT.
8"
CUT SECTION
NATURAL GROUND
CUT
R/W
SLOPE 1/4"/FT. MIN. – 3"/FT. MAX. (DEVELOPED)
SLOPE 1/4"/FT. MIN. – 5/8"FT. MAX. (UNDEVELOPED)
4:1 SLOPE (DEVELOPED)
1:1 SLOPE (UNDEVELOPED)
1'-0"
6" PREPARED SUBGRADE


8" REINFORCED CONC. PAVEMENT
6" x 12" 4/4 WWF
6"
6"
7" REINFORCED CONCRETE PAVEMENT (EXSTG.)
1-1/2"
2-1/2"
1"
2-4" #4 BARS on 30" CNTRS.
(USE EXSTG. #4 BARS THIS PROJECT)

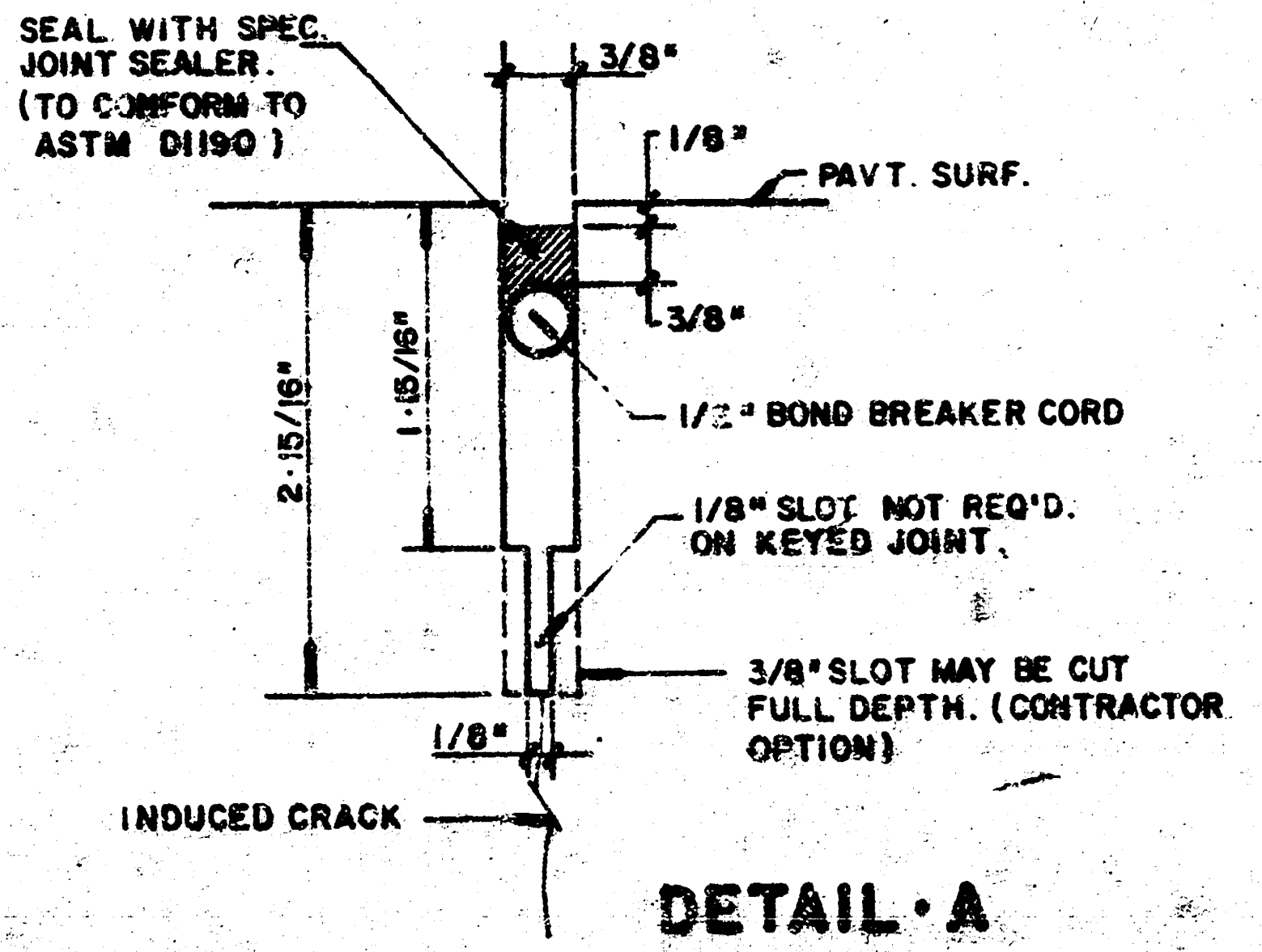
LONGITUDINAL KEYED JOINT DETAIL

MONOLITHIC EDGE CURB


9"
4"
3-1/2"
1-1/2"
2-1/2" R
13-3/8"
6-5/8"
SLOPE TO MATCH PVMT.
WWF
8" REINF. CONCRETE PAVEMENT


3"
6"
6"
SEE DETAIL "A"
6" x 12" 4/4 WWF
8" REINF. CONCRETE PAVEMENT

CONTRACTION JOINT

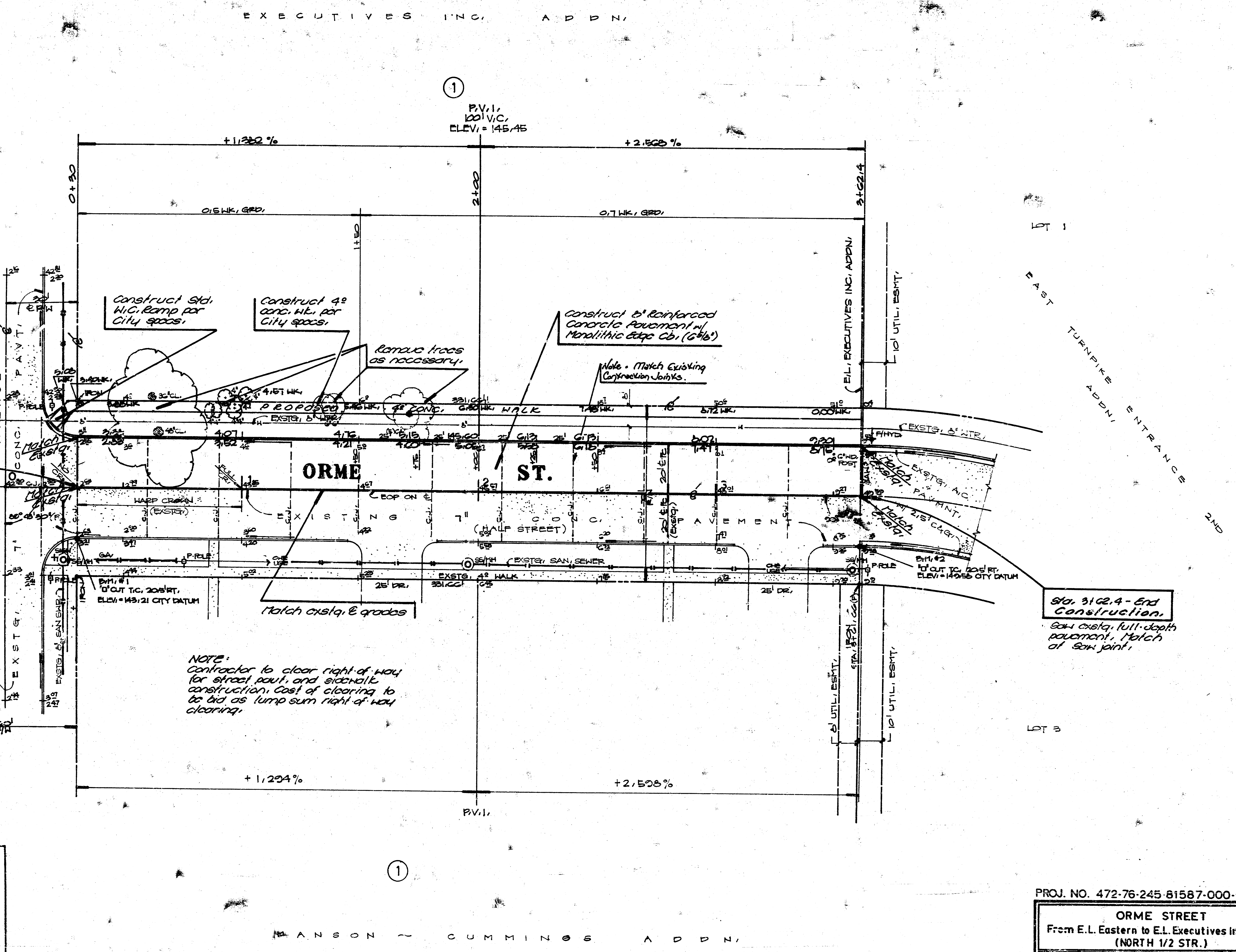

SEAL WITH SPEC. JOINT SEALER. (TO CONFORM TO ASTM D1190)
3/8"
1/8"
PAVT. SURF.
3/8"
2-15/16"
1-15/16"
1/2" BOND BREAKER CORD
1/8" SLOT NOT REQ'D. ON KEYED JOINT.
3/8" SLOT MAY BE CUT FULL DEPTH. (CONTRACTOR OPTION)
1/8"
INDUCED CRACK

DETAIL · A

TYPICAL SECTION for
8" REINFORCED CONC. PAVEMENT
CITY OF WICHITA, KANSAS
PROJECT NUMBER
472-78-245-81557-000-000-001
2 of 4

BENCHMARKS

1. "O" CUT TOP CB. STA. 0+30, 20.5' RT.
   (S.E. COR. ORME & EASTERN)
   ELEV. = 143.21 CITY DATUM
2. "O" CUT TOP CB. STA. 3+62.4, 20.5' RT.
   ELEV. = 149.56 CITY DATUM


EXECUTIVES INC. ADDN.
①
P.V.I.
100' V.C.
ELEV. = 145.45
+1.332 %
+2.568 %
0+30
2+00
3+62.4
1+50
0.5 WK. GRD.
0.7 WK. GRD.
Sta. 0+30 - Begin Construction
Construct Std. W.C. Ramp per City specs.
Construct 4" conc. wk. per City specs.
Remove trees as necessary.
Construct 8" Reinforced Concrete Pavement w/ Monolithic Edge Cb. (6"/8")
Note - Match Existing Contraction Joints.
EASTERN AVENUE
CONC. PAV'T.
EXSTG. 7" CONC.
EXSTG. 8" SAN. SWR.
PROPOSED 4" CONC. WALK
EXSTG. 8" WTR.
ORME ST.
EXISTING 7" CONC. PAVEMENT (HALF STREET)
WARP CROWN (EXSTG.)
FULL CR.
EOP ON ℄
Match exstg.
P. POLE
IRON
SS/MH
EXSTG. SAN. SEWER
EXSTG. 4" WALK
25' DR.
OHE UGE
GAS
SIGN
F/HYD.
C'HD. POST
EXSTG. A.C. PAVMNT.
2.5' C&G.
B.M. #1
"O" CUT T.C. 20.5' RT.
ELEV. = 143.21 CITY DATUM
B.M. #2
"O" CUT T.C. 20.5' RT.
ELEV. = 149.56 CITY DATUM
Match exstg. & grades
E.L. EXECUTIVES INC. ADDN.
10' UTIL. ESMT.
6' UTIL. ESMT.
STA. 3+62.4
Sta. 3+62.4 - End Construction.
Saw exstg. full-depth pavement. Match at Saw joint.
LOT 1
LOT 3
EAST TURNPIKE ENTRANCE 2ND ADDN.
NOTE:
Contractor to clear right-of-way for street pavt. and sidewalk construction. Cost of clearing to be bid as lump sum right-of-way clearing.
+1.294%
+2.598%
P.V.I.
①
MANSON ~ CUMMINGS ADDN.

EARTHWORK QUANTITIES

Excavation 568.8 c.y. Compacted Fill 0 c.y.
+10% 56.9 +10%
Total 625.7 c.y. Total 0 c.y.
Subgrade Manipulation 182 s.y.
Borrow Material 0 c.y.

PROJ. NO. 472-76-245-81587-000-000-001

ORME STREET
From E.L. Eastern to E.L. Executives Inc. Addn.
(NORTH 1/2 STR.)

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
316/262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

Sheet: 3 of: 4

Design:	Drawn:	Approved:	Date:	Scale:
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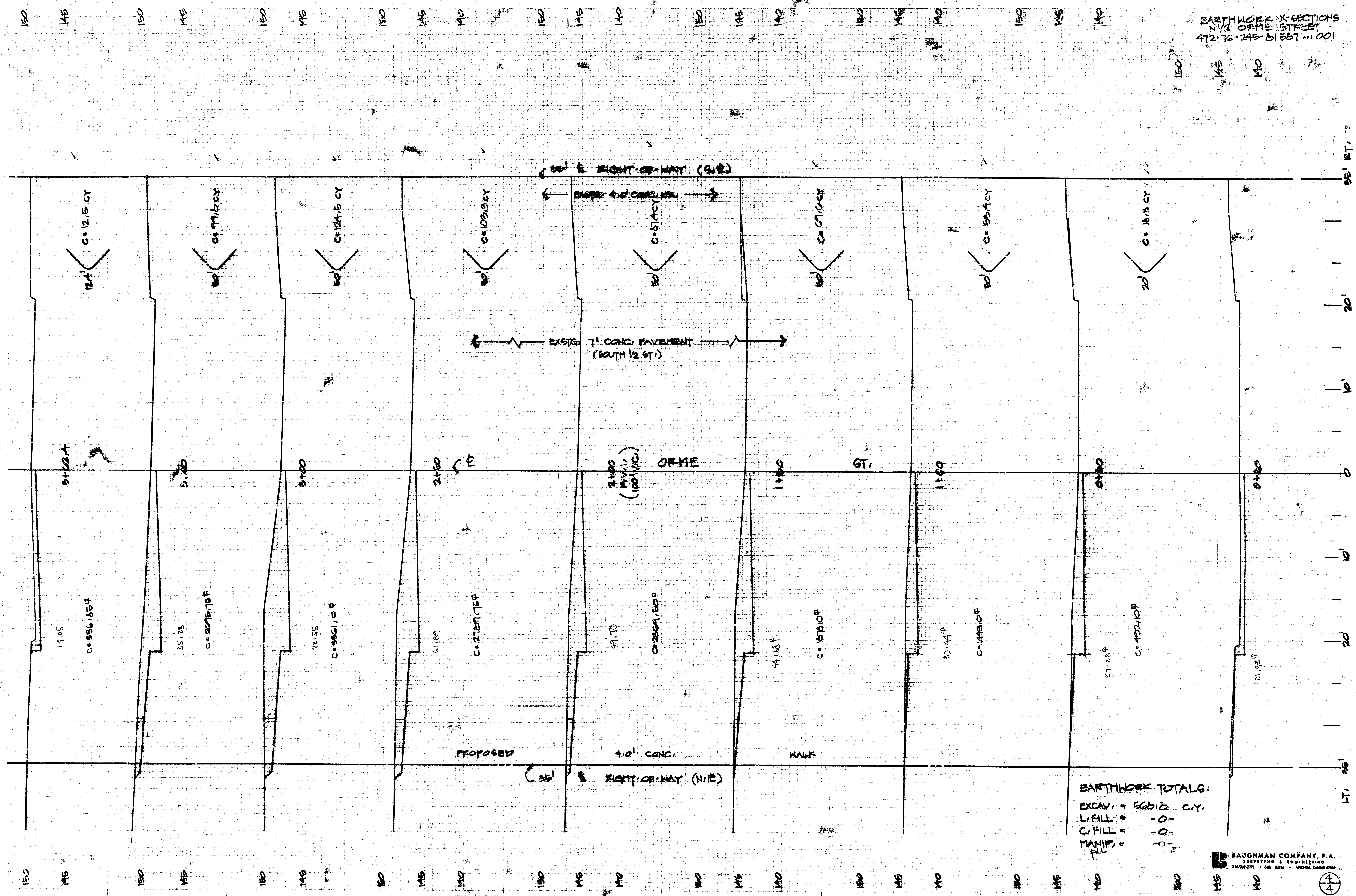
EARTHWORK X-SECTIONS
N 1/2 ORME STREET
472-76-245-81587 ... 001


150
145
140
35' ℄ RIGHT-OF-WAY (S.R.)
EXSTG. 4.0' CONC. WK.
C= 12.5 CY
12.4'
C= 79.6 CY
5.0'
C= 124.5 CY
5.0'
C= 103.3 CY
5.0'
C= 87.4 CY
5.0'
C= 71.0 CY
5.0'
C= 55.4 CY
5.0'
C= 18.3 CY
2.0'
EXSTG. 7" CONC. PAVEMENT
(SOUTH 1/2 ST.)
3+02.4
3+50
3+00
2+50
℄
2+00
(P.V.I.)
(100 V.C.)
ORME
1+50
ST.
1+00
0+50
0+00
19.05
C= 336.85 #
35.28
C= 2095.75 #
72.55
C= 3361.0 #
61.89
C= 2787.75 #
49.70
C= 2369.50 #
44.18 #
C= 1575.0 #
30.44 #
C= 1443.0 #
27.28 #
C= 402.10 #
21.93 #
PROPOSED
4.0' CONC.
WALK
35' RIGHT-OF-WAY (N.R.)
35' RT.
20'
10'
0
10'
20'
35' LT.

EARTHWORK TOTALS:

EXCAV. = 566.6 C.Y.
L. FILL = -0-
C. FILL = -0-
MANIP. FILL = -0-

BAUGHMAN COMPANY, P.A.
SURVEYING & ENGINEERING
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4/4

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