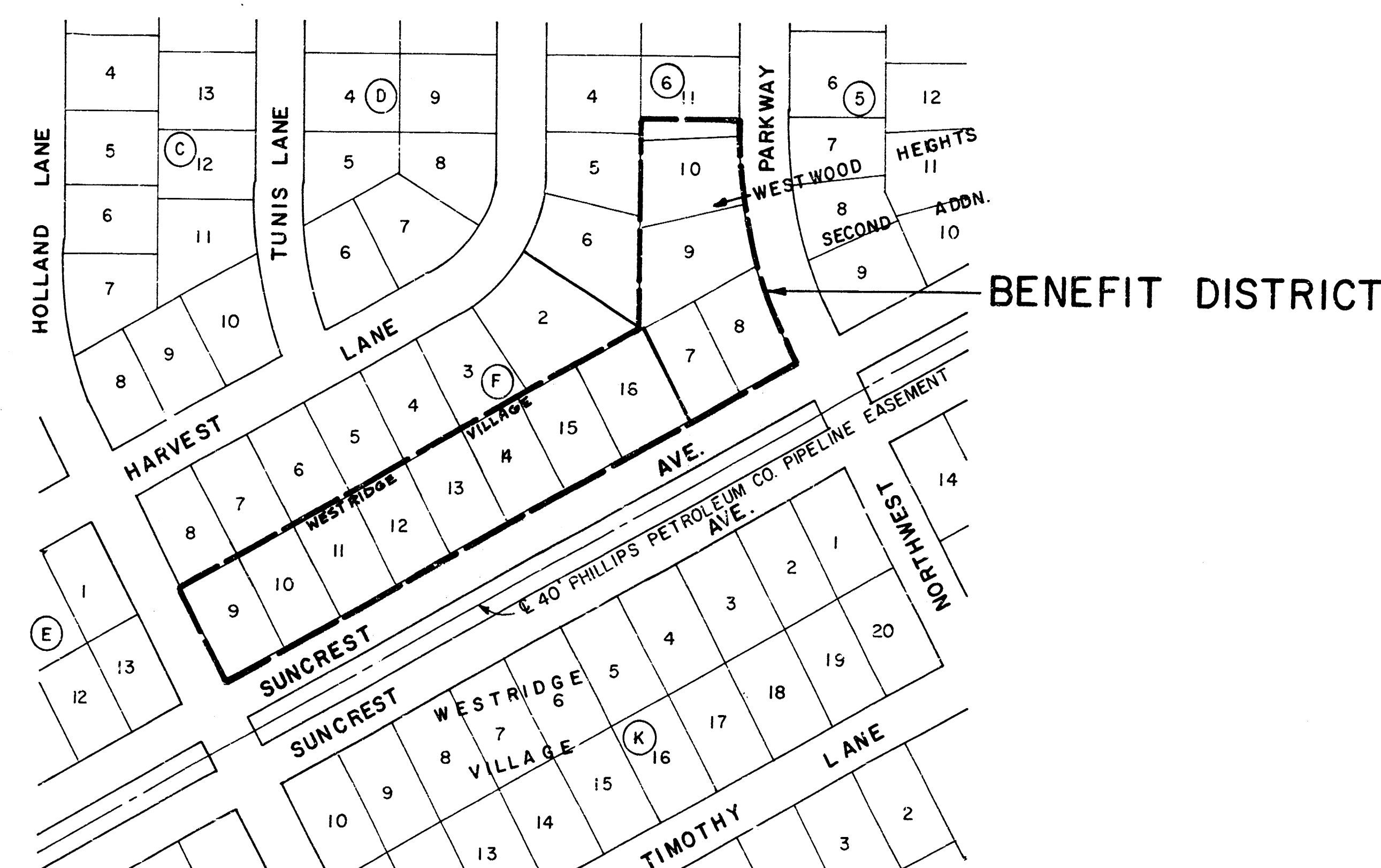


CITY OF WICHITA, KANSAS
NORTHERLY HALF OF SUNCREST PAVING IMPROVEMENT
[FROM WESTERLY LINE OF HOLLAND TO WESTERLY LINE OF NORTHWEST PARKWAY]
PROJECT NO.: 472-76-245-81548-000-000-001

GENERAL NOTES:

1. EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THE PLANS, REPRESENT THE BEST INFORMATION OBTAINABLE FOR DESIGN. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. THE PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND EXISTING UTILITIES WITHIN THE RIGHT-OF-WAY WHICH DO NOT CONFLICT WITH PROPOSED CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY PIPELINE COMPANIES AT LEAST 24 HOURS IN ADVANCE OF ANY WORK BEING PERFORMED OVER AND/OR ADJACENT TO PIPELINES.
3. NO MORE THAN 2 DRIVES 20 FEET IN WIDTH, OR EQUIVALENT COMBINATIONS THEREOF, ARE TO BE CONSTRUCTED WITH THIS PROJECT.
4. LIMITS OF EARTHWORK SHALL MATCH EXISTING GROUND ELEVATIONS AT THE RIGHT-OF-WAY LINE UNLESS OTHERWISE NOTED ON THE PLANS WITH A NEW FINISHED GRADE ELEVATION WHEN A NEW FINISHED GRADE ELEVATION IS SHOWN, THE EARTHWORK SHALL EXTEND ONE FOOT BEYOND THE RIGHT-OF-WAY LINE AND THEN SLOPE UP OR DOWN USING PERMISSIBLE SLOPES TO MATCH THE EXISTING GROUND SURFACE.
5. CONTRACTOR SHALL GIVE PROPERTY OWNERS ABUTTING THIS PROJECT, WHOSE YARDS WILL BE LOWER THAN THE NEW FINISHED GRADE ELEVATIONS AT THE RIGHT-OF-WAY LINE, AN OPPORTUNITY TO UTILIZE EXCESS EXCAVATED MATERIAL FROM THE PROJECT TO REGRADE THEIR YARDS TO DRAIN TO THE NEW PAVEMENT. CONTRACTOR WILL BE REQUIRED TO DUMP AND SPREAD THE EXCESS MATERIAL AS REQUIRED BY THE SPECIFICATIONS WHEN REQUESTED BY THE PROPERTY OWNER. THE CONTRACTOR SHALL ASCERTAIN THAT A DIRT ORDER FORM HAS BEEN PROPERLY EXECUTED BY THE PROPERTY OWNER BEFORE ANY SUCH EXCESS MATERIAL IS DELIVERED TO SUCH PROPERTY.
6. 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 OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAW.



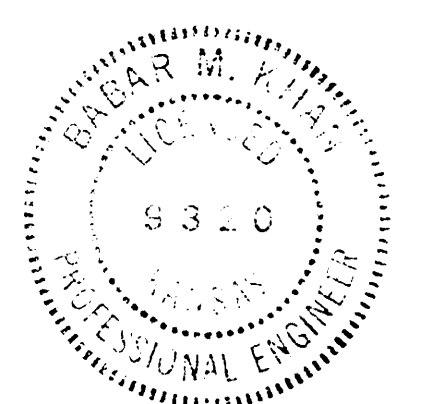
LOCATION MAP

SCALE: 1" = 150'

INDEX:

SHEET 1	TITLE
SHEET 2	PAVEMENT TYPICAL AND DETAILS
SHEET 3, 4	PLAN
SHEET 5, 6, 7	CROSS-SECTIONS

MICHAEL E. LINDEBAK, P.E., CITY ENGINEER

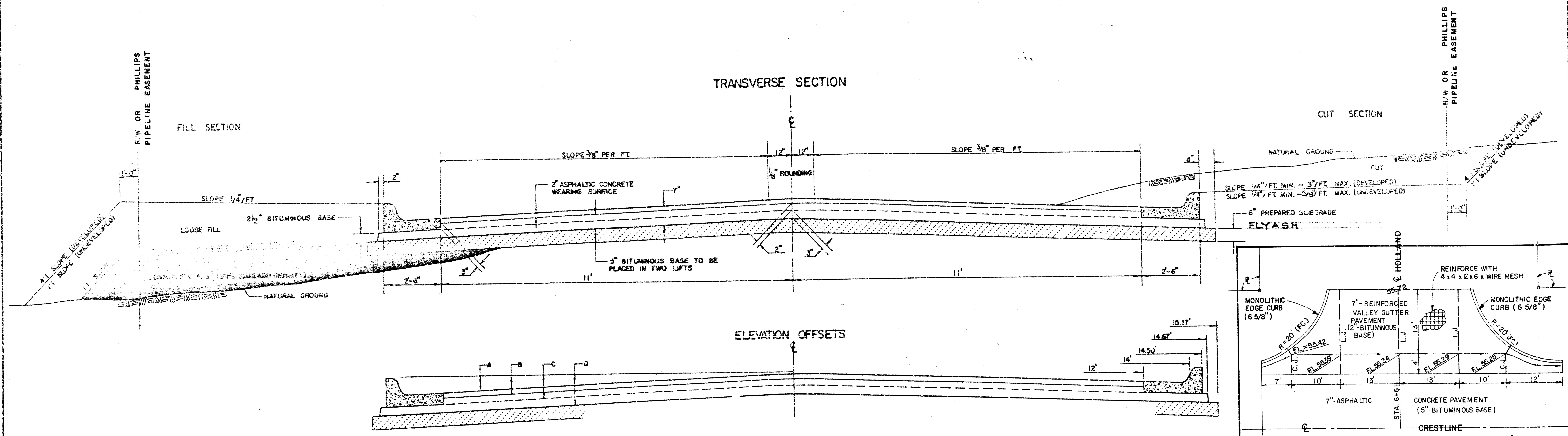


MUNICIPAL ENGINEERS
Civil Engineers & Land Surveyors
254 Laura, Suite 201
Wichita, Kansas 67211

SCALE: AS SHOWN	APPROVED BY:	DRAWN BY K.P.
DATE: 7 - 86		REVISED
		DRAWING NUMBER
		1 OF 7

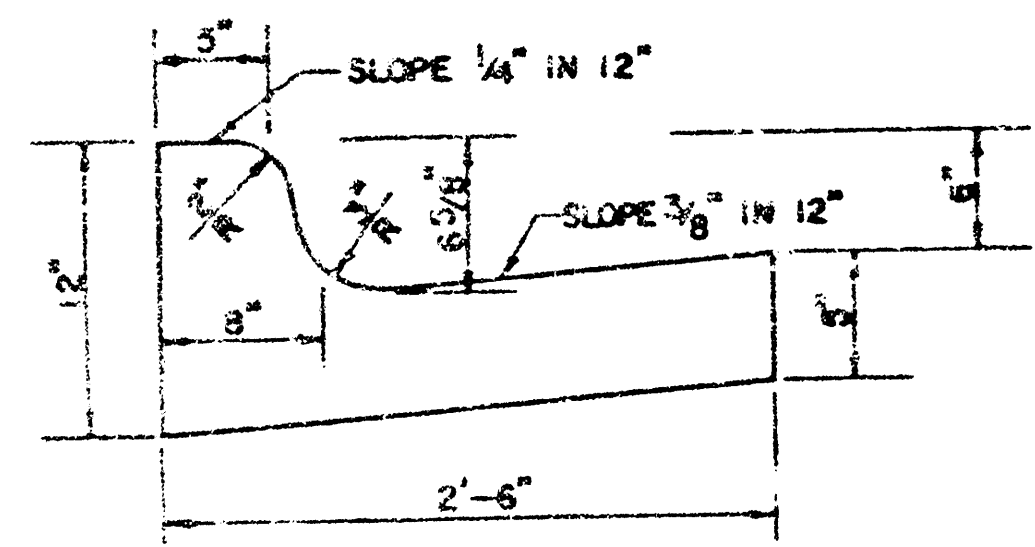
TYPICAL 27' PAVEMENT DETAILS

2
7

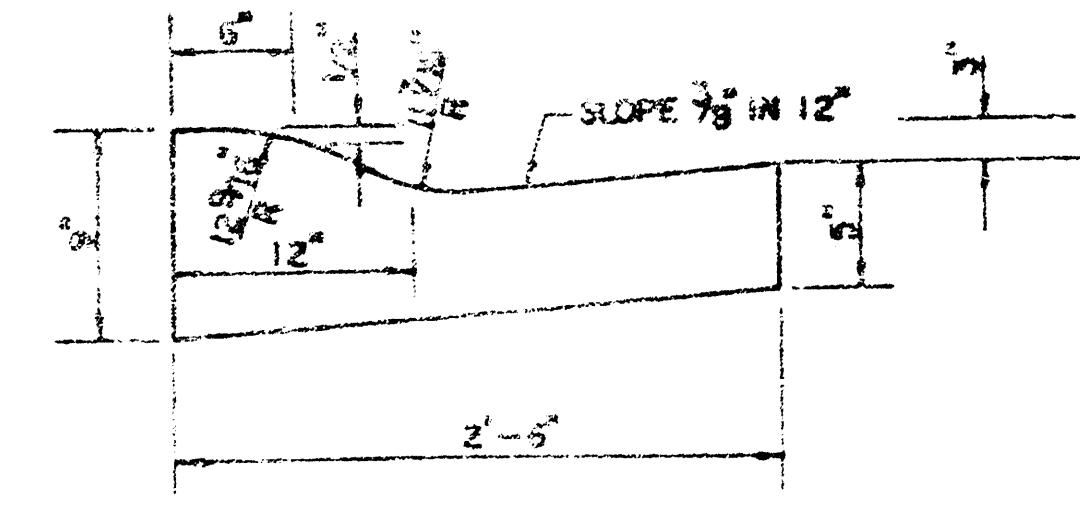


	DISTANCE FROM CENTERLINE (L & RT)												
	0'	2'	4'	6'	7'	8'	10'	11'	13'	13.5'	13.67'	14.17'	
A: TOP OF CURBS TO TOP OF SURFACE LIFT	0.15	0.21	0.27	0.33	0.37	0.40	0.46	0.48	—	—	—	—	
B: TOP OF CURBS TO TOP OF UPPER BASE LIFT	0.32	0.38	0.44	0.50	0.54	0.57	0.63	0.65	—	—	—	—	
C: TOP OF CURBS TO TOP OF LOWER BASE LIFT	0.48	0.50	0.64	0.71	0.75	0.79	0.87	0.91	0.98	1.00	1.01	—	
D: TOP OF CURBS TO TOP OF SUBGRADE	0.73	0.80	0.87	0.94	0.98	1.01	1.08	1.18	1.19	1.21	1.21	1.23	

COMBINED CURB & GUTTER



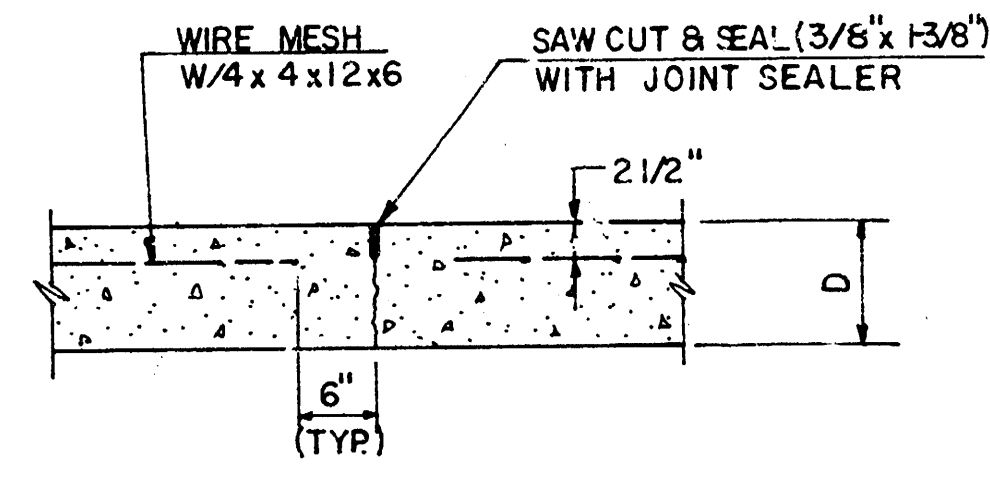
ROLL TYPE COMBINED CURB & GUTTER



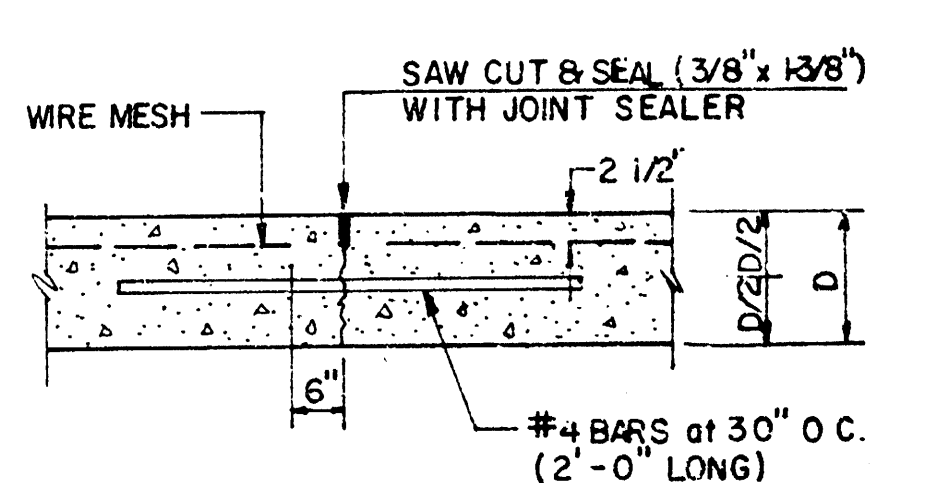
GENERAL NOTES

- 1) THE ASPHALTIC CONCRETE PAVEMENT BETWEEN THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).
- 2) THE BITUMINOUS BASE UNDER AND BEHIND THE COMBINED CURB AND GUTTER SHALL BE PAID AS SQUARE YARDS OF 2 1/2" BITUMINOUS BASE.
- 3) A THICK COAT OF EMULSIFIED ASPHALT (SC-1H OR CSS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQUARE YARD BETWEEN EACH LIFT OF ASPHALTIC MATERIAL.
- 4) BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC CONTROLS FOR LINE AND GRADE.
- 5) CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF ONE (1) FOOT FROM JOINTS IN PRECEDING LIFTS AND PLACED SO THAT A JOINT WILL BE CONSTRUCTED ON THE CENTERLINE OF THE TOP LIFT.
- 6) CONTRACTOR TO BID ONLY ONE SUBGRADE TREATMENT ALTERNATE WHEN ALTERNATES ARE PROVIDED IN THE PROPOSAL AND CONTRACT. THE ALTERNATE CHOSEN BY THE SUCCESSFUL BIDDER SHALL BE USED IN CONSTRUCTING THIS PROJECT.

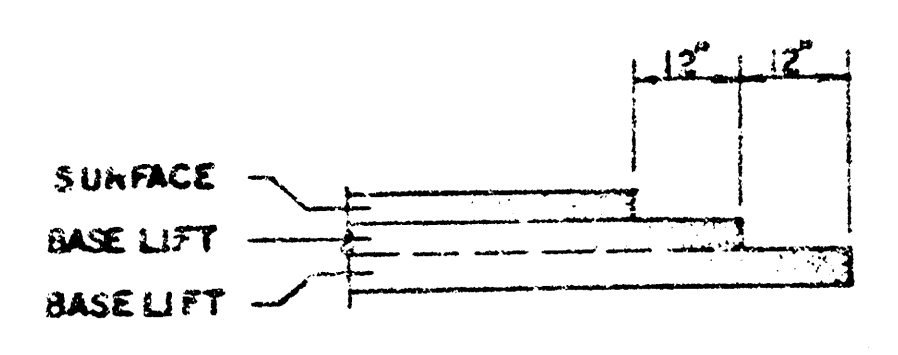
CONTRACTION JOINT DETAIL (C.J.)



LONGITUDINAL JOINT DETAIL (L.J.)



TRANSVERSE CONSTRUCTION JOINTS

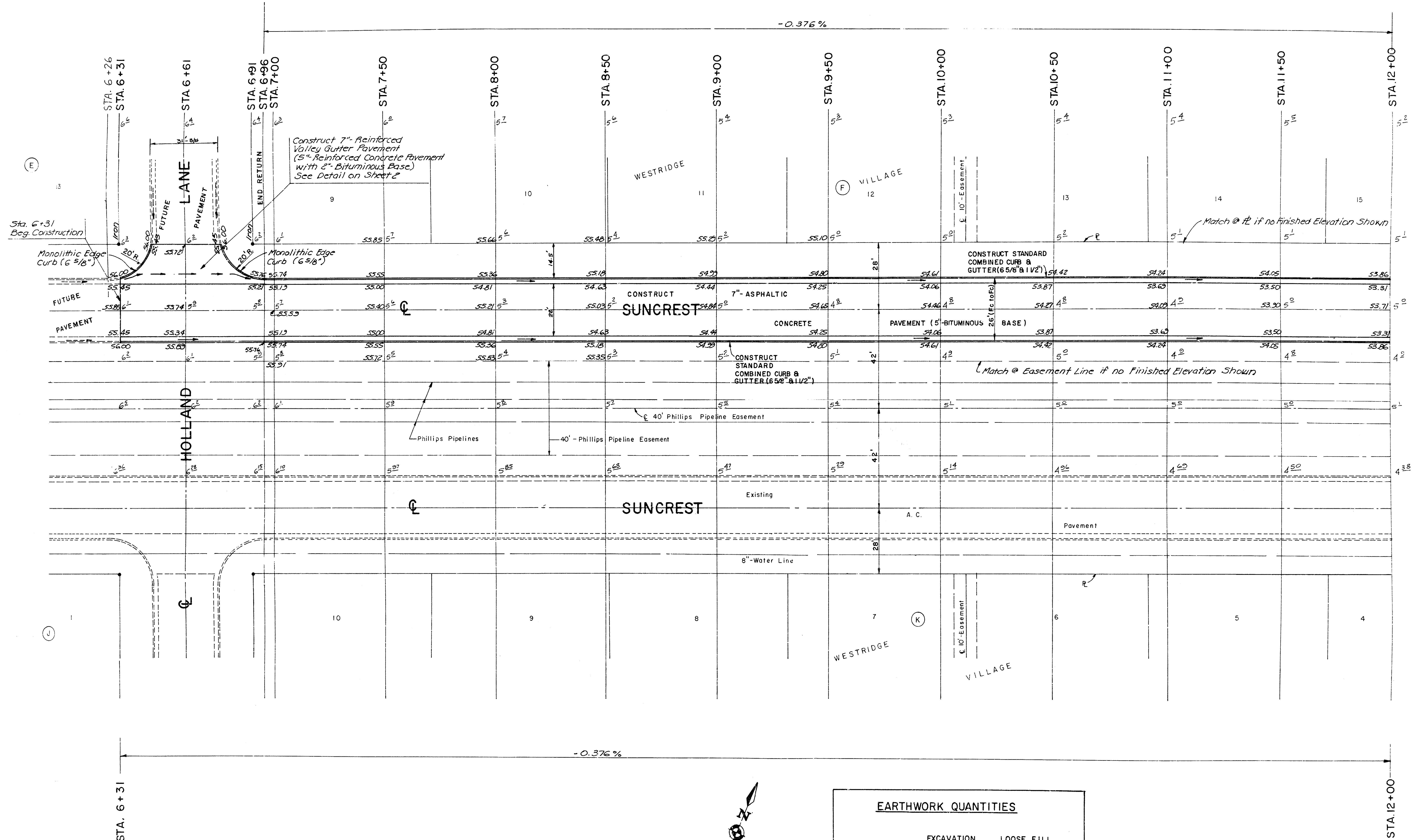


TRANSVERSE CONSTRUCTION JOINTS SHALL BE CONSTRUCTED IN FLEXIBLE BASE PAVEMENTS AT LOCATIONS WHERE PAVEMENT JOINTS EXISTING FLEXIBLE BASE PAVEMENT AS SHOWN BY THE DETAIL. ALL COSTS ASSOCIATED WITH THE CONSTRUCTION OF THE TRANSVERSE JOINT SHALL BE INCLUDED IN THE BID PRICE FOR SQUARE YARDS 7" ASPHALTIC CONCRETE (5" BITUMINOUS BASE).

7 INCH RESIDENTIAL ASPHALTIC CONCRETE PAVEMENT WITH 5 INCH BITUMINOUS BASE
CITY OF WICHITA, KANSAS
PROJECT NUMBER
472-76-245-60741000-000-001

INTERSECTION QUANTITIES

STD. COMB. C&G (6" & 1 1/2")
 MONOLITHIC EDGE CURB (6" & 1 1/2") 48 L.F.
 2 1/2" BITUMINOUS BASE
 7" A.C. PWT. (5" BITUMINOUS BASE AND 2" A.C. WEARING SURFACE) 125.5 S.Y.
 7" REINFORCED VALLEY GUTTER PWT. (5" R.C. PWT. AND 2" BITUMINOUS BASE) 84 S.Y.



B.M. #1: NORTHEAST CORNER, PORCH OF HOUSE #1543
 GLENHURST. ELEV. = 160.94

SCALE: 1" = 20'

EARTHWORK QUANTITIES

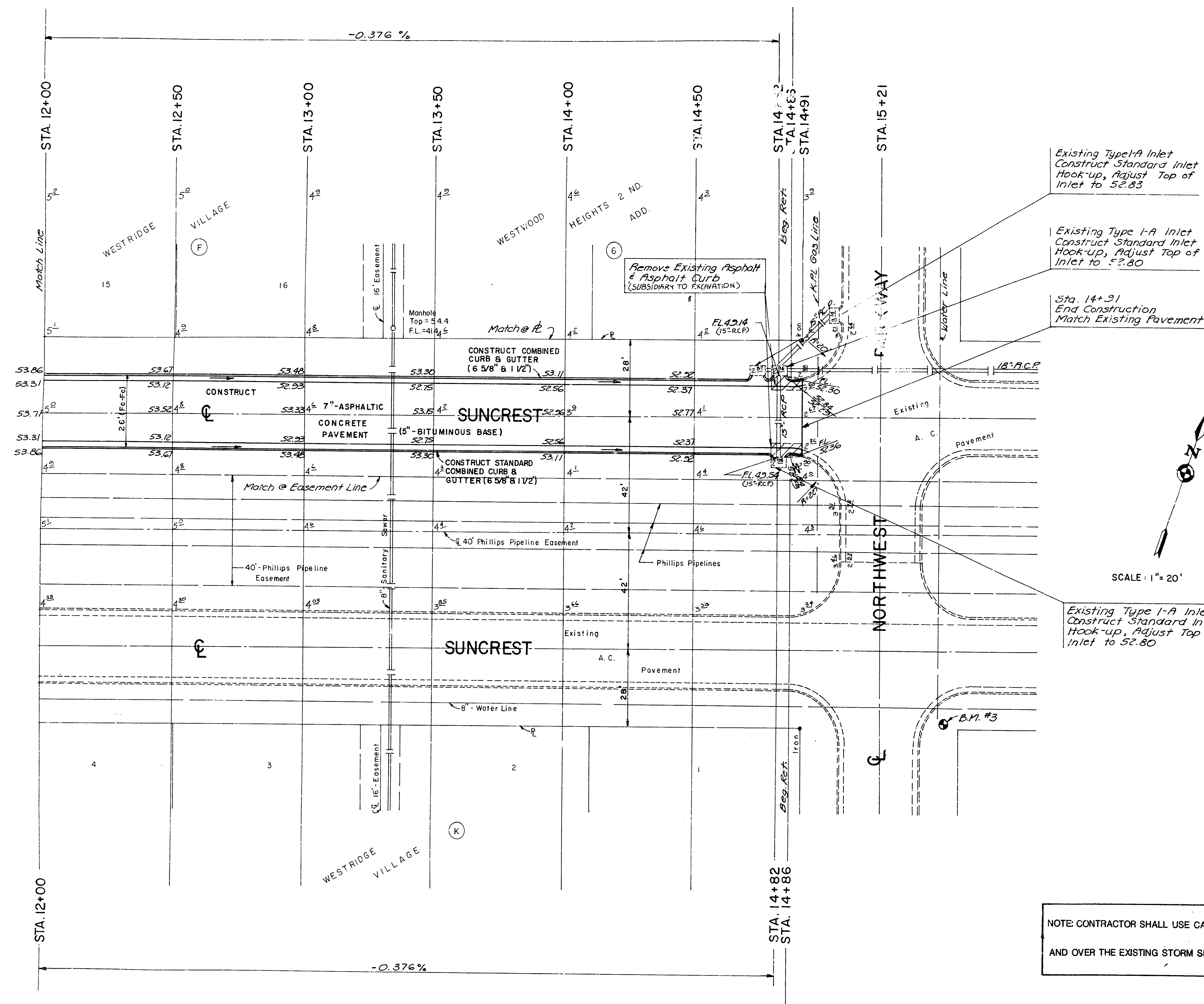
	EXCAVATION	LOOSE FILL
+10 %	1,631 C.Y.	12 C.Y.
	163 C.Y.	1 C.Y.
TOTAL	1,794 C.Y.	13 C.Y.

MANIPULATION 2,767 S.Y.

MUNICIPAL ENGINEERS
 Civil Engineers & Land Surveyors
 224 Laura, Suite 201
 Wichita, Kansas 67211

NORTHERLY HALF OF SUNCREST

SCALE: 1" = 20'	APPROVED BY:	DRAWN BY: K. P.
DATE: 7-86	REVISOR:	
PROJECT NO.: 472-76-245-81548-000-000-001		
M.E. PROJECT NO. 86-18		DRAWING NUMBER 3 OF 7



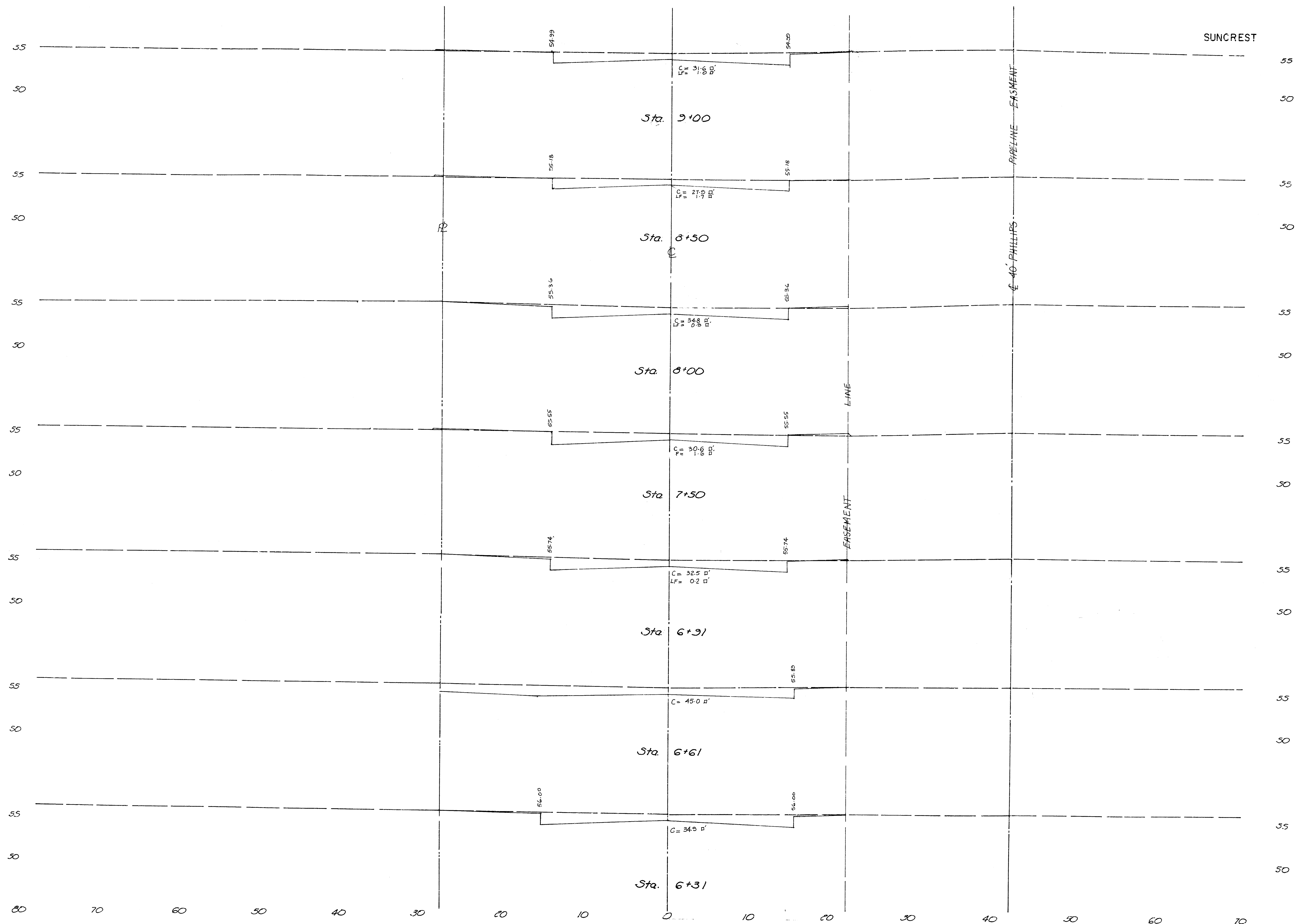
SCALE: 1" = 20'

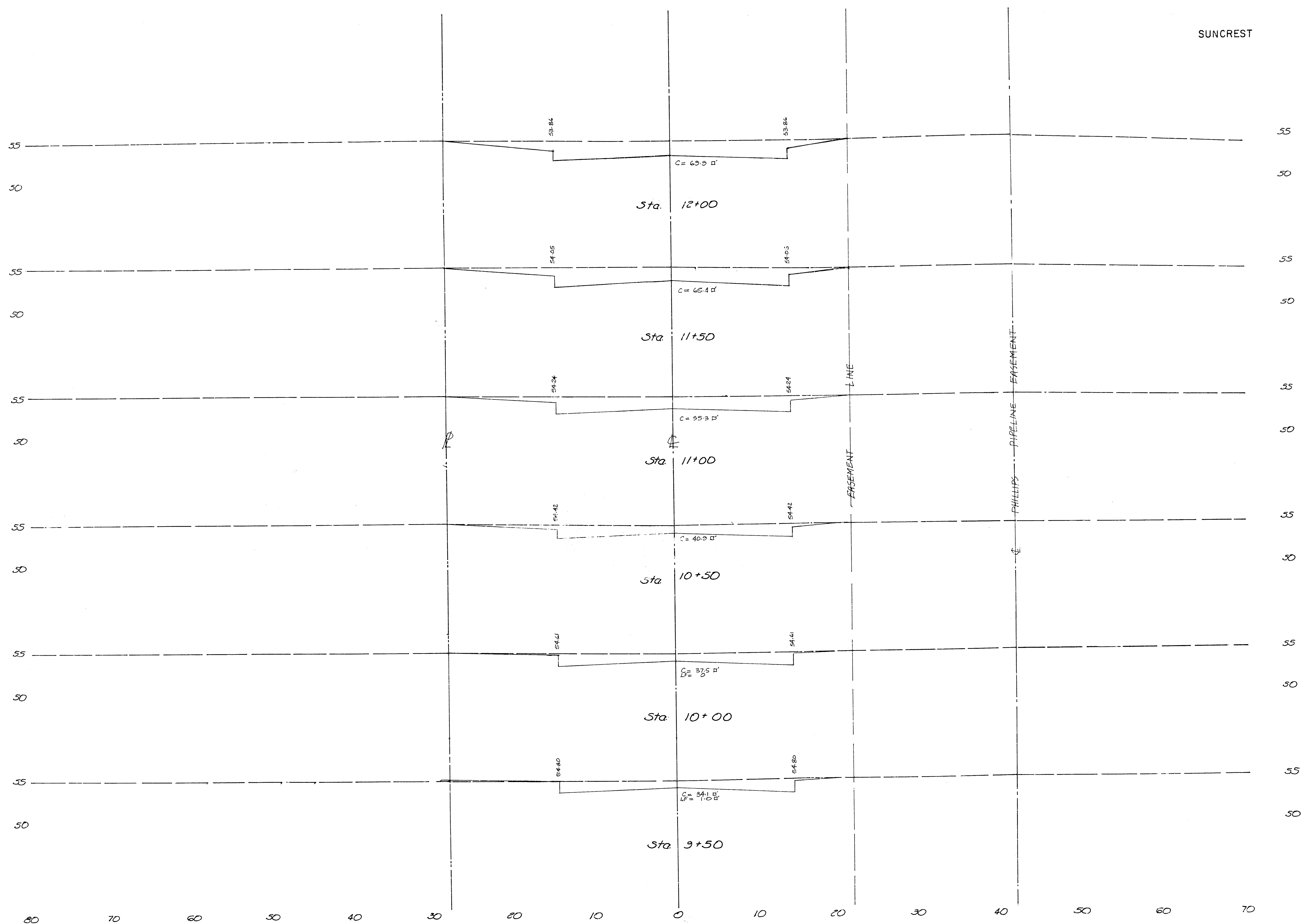
NOTE: CONTRACTOR SHALL USE CAUTION WHEN WORKING THE SUBGRADE AROUND AND OVER THE EXISTING STORM SEWER PIPE IN ORDER TO NOT DAMAGE THE PIPE.

B.M. #3: TOP OF FLANGE (WEST SIDE) OF FIRE-HYDRANT AT SE. COR., NORTHWEST PARKWAY & SUNCREST
ELEV. = 154.35

NORTHERLY HALF OF SUNCREST		
SCALE: 1" = 20'	APPROVED BY:	DRAWN BY: K.P.
DATE: 7-86		REVISED
PROJECT NO. 472-76-245-81548-000-000-001		
M.E. PROJECT NO. 86-18		
DRAWING NUMBER		4 OF 7

MUNICIPAL ENGINEERS
Civil Engineers & Land Surveyors
254 Laura, Suite 201
Wichita, Kansas 67211





SUNCREST

7/1

