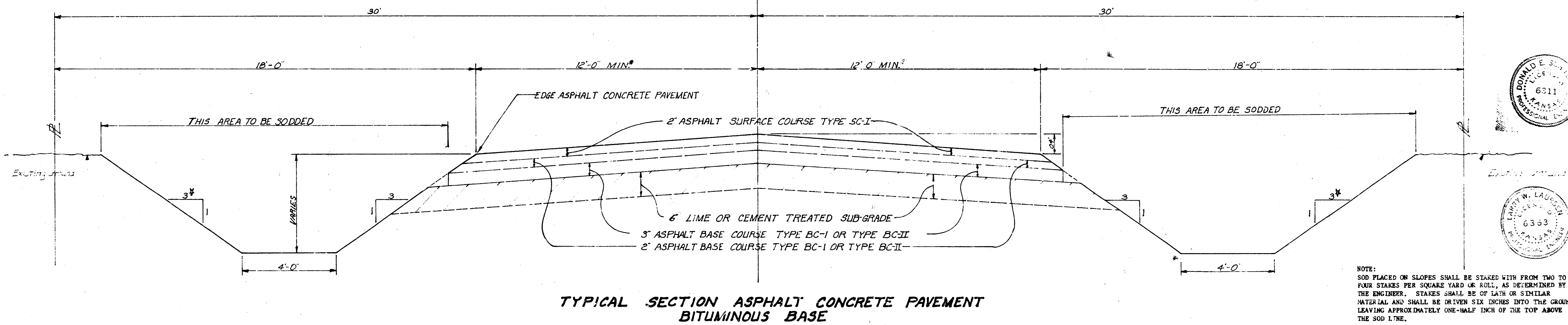


N. L. 13th TO AND INCLUDING CUL-DE-SAC

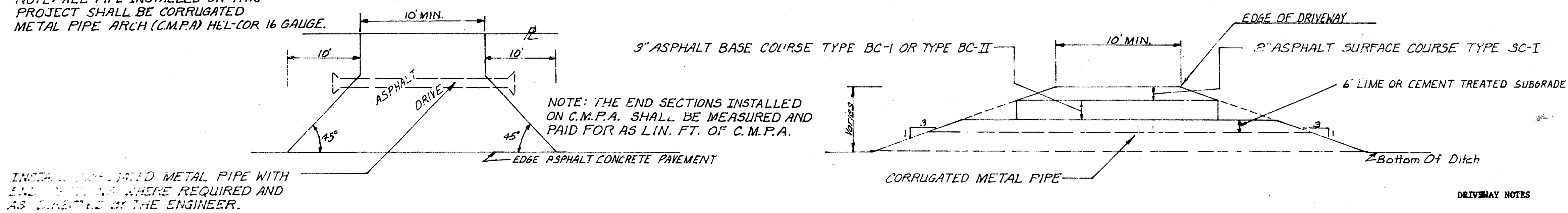
A TACK COAT OF EMULSIFIED ASPHALT (SS-1H) SHALL BE APPLIED AT AN APPROXIMATE RATE OF 0.05 GALLONS PER SQ. YD. BETWEEN LIFTS OF ASPHALTIC MATERIALS WHEN ORDERED BY THE ENGINEER. TACK COAT WILL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED AS SUBSIDIARY TO PRICE BID FOR ASPHALTIC PAVEMENT.

BITUMINOUS BASE AND ASPHALTIC CONCRETE WEARING SURFACE SHALL BE PLACED WITH A LAYDOWN MACHINE HAVING AUTOMATIC ELECTRONIC CONTROLS FOR CROWN AND GRADE. CONSTRUCTION JOINTS IN EACH LIFT SHALL BE STAGGERED A MINIMUM DISTANCE OF 1' WITH JOINTS IN PRECEDING LIFTS AND SUCH THAT A JOINT WILL BE CONSTRUCTED ON THE PAVEMENT CENTERLINE IN THE TOP LIFT.

- * GENERAL NOTES
- 1. TWENTY-FOUR (24) INCHES SHALL BE THE MINIMUM PAY WIDTH FOR ASPHALT CONCRETE PAVEMENT EXCEPT FROM STA. 0+40 TO 0+41.20 EXCEPT IN INTERSECTIONS AND EXCEPT AT THE HAMMER HEAD AT THE NORTH END OF THE PROJECT. AT THESE LOCATIONS THE PAY WIDTH SHALL BE MEASURED FROM ONE EDGE OF THE ASPHALT CONCRETE PAVEMENT TO THE OTHER EDGE OF THE ASPHALT CONCRETE PAVEMENT AND SHALL NOT EXCEED THE DIMENSIONS AS SHOWN ON THE PLANS.
- 2. THE PAY WIDTH FOR MANIPULATION SHALL EXTEND 2'-6" BEYOND THE MEASURED WIDTH OF THE ASPHALT CONCRETE PAVEMENT IN BOTH DIRECTIONS.
- 3. THREE TO TWO BACKSLOPES SHALL BE USED WHERE THE RIGHT-OF-WAY PERMITS. BACKSLOPES SHALL NOT EXTEND BEYOND FENCES.
- 4. NO WORK SHALL BE DONE ON PRIVATE PROPERTY WITHOUT THE CONSENT OF THE PROPERTY OWNER.
- 5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT PROPERTY OWNERS TO DETERMINE THE WIDTH AND LOCATION OF DRIVEWAYS. FIELD ENGINEER SHALL DETERMINE THE LENGTH OF C.M.P. IN ACCORDANCE WITH THE DRIVEWAY WIDTHS FURNISHED BY THE CONTRACTOR.
- 6. CONCRETE AND REINFORCING STEEL USED IN THE CONSTRUCTION OF ALL CONCRETE STRUCTURES ON THIS PROJECT SHALL CONFORM TO THE REQUIREMENTS OF THE CITY OF WICHITA STANDARD SPECIFICATIONS FOR CONCRETE PAVEMENT.
- 7. REVEAL ALL EXPOSED CONCRETE EDGES ON STRUCTURES WITH A 3/4" TRIANGULAR REVEAL.



NOTE: ALL PIPE INSTALLED ON THIS PROJECT SHALL BE CORRUGATED METAL PIPE ARCH (C.M.P.A) HEL-COR 16 GAUGE.



PLAN VIEW TYPICAL DRIVEWAY

TYPICAL SECTION DRIVEWAY

NOTE:
THE PAY WIDTH FOR MANIPULATION UNDER DRIVEWAYS
SHALL EXTEND 2'-0" BEYOND THE MEASURED WIDTH
OF THE ASPHALT CONCRETE PAVEMENT IN BOTH
DIRECTIONS.

DRIVEWAY NOTES

1. THE COMPACTION OF EARTH/WORK AT DRIVEWAY LOCATIONS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED AS A SUBSIDIARY COST TO THE OTHER BID ITEMS ON THIS PROJECT.
2. THE PAY WIDTH FOR ASPHALT CONCRETE PAVEMENT USED AT DRIVEWAY LOCATIONS SHALL BE MEASURED FROM ONE EDGE OF THE DRIVEWAY TO THE OTHER EDGE OF THE DRIVEWAY AS NOTED ON DRIVEWAY-TYPICAL SECTION.

CITY OF WICHITA, KANSAS

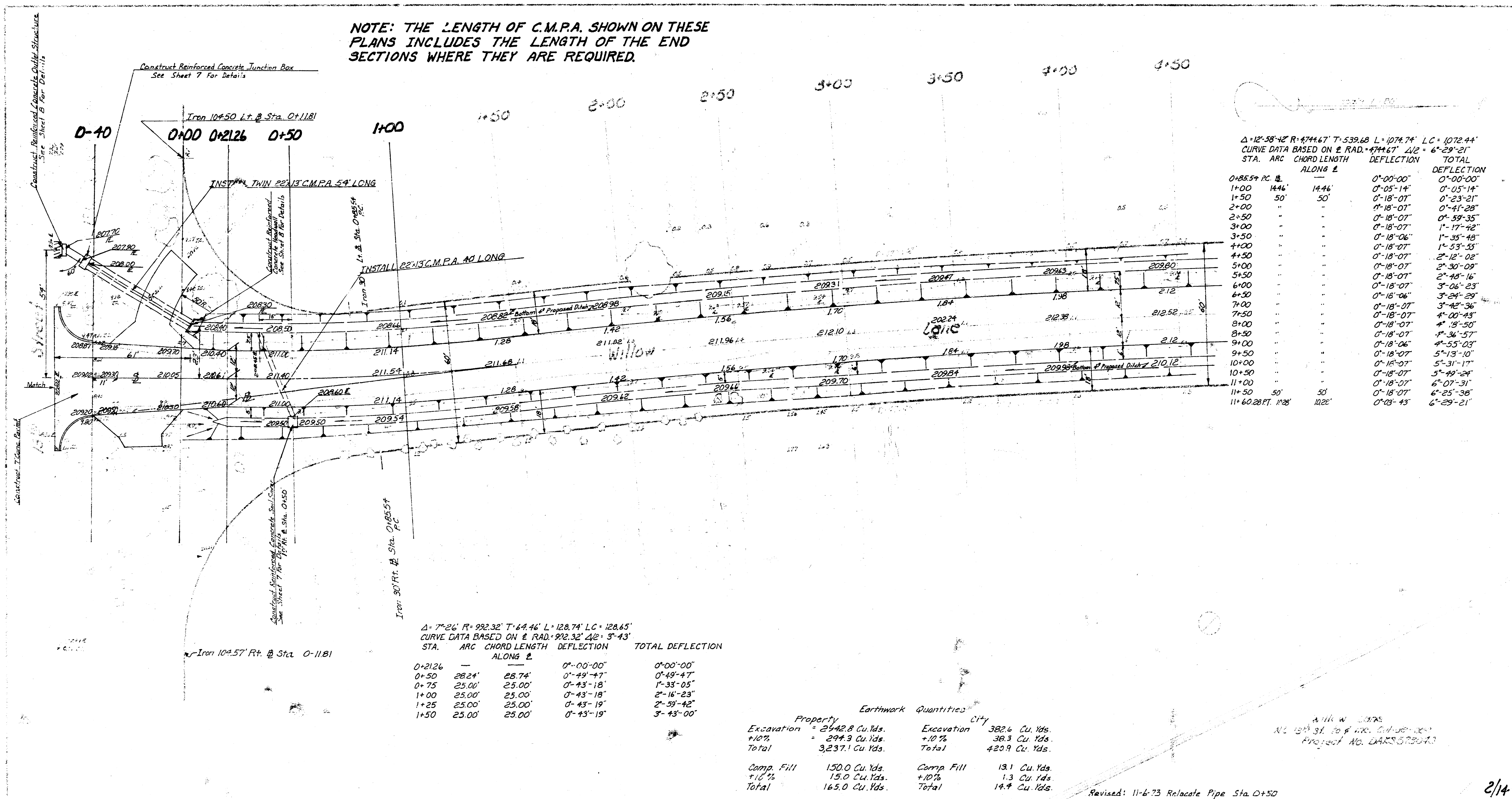
DEPARTMENT OF PUBLIC WORKS - ENGINEERING

R. W. LINN CITY ENGINEER

DATE: 9-73

PROJECT NO. DAKS 573040

Revised 11-6-73



Δ=12°58'42" R=4744.67' T=539.68 L=1074.74' LC=1072.44'
CURVE DATA BASED ON E. RAD. 4744.67' Δ/2 = 6°29'21"

STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL
0+00	144'	144'	0°00'00"	0°00'00"
1+00	50'	50'	0°05'14"	0°05'14"
2+00	50'	50'	0°18'07"	0°23'21"
3+00	50'	50'	0°18'07"	0°41'28"
4+00	50'	50'	0°18'07"	0°59'35"
5+00	50'	50'	0°18'07"	1°17'42"
6+00	50'	50'	0°18'07"	1°35'49"
7+00	50'	50'	0°18'07"	1°53'55"
8+00	50'	50'	0°18'07"	2°12'02"
9+00	50'	50'	0°18'07"	2°30'09"
10+00	50'	50'	0°18'07"	2°48'16"
11+00	50'	50'	0°18'07"	3°06'23"
12+00	50'	50'	0°18'07"	3°24'29"
13+00	50'	50'	0°18'07"	3°42'36"
14+00	50'	50'	0°18'07"	4°00'43"
15+00	50'	50'	0°18'07"	4°18'50"
16+00	50'	50'	0°18'07"	4°36'57"
17+00	50'	50'	0°18'07"	4°55'03"
18+00	50'	50'	0°18'07"	5°13'10"
19+00	50'	50'	0°18'07"	5°31'17"
20+00	50'	50'	0°18'07"	5°49'24"
21+00	50'	50'	0°18'07"	6°07'31"
22+00	50'	50'	0°18'07"	6°25'38"
23+00	50'	50'	0°18'07"	6°43'45"

Δ=7°26' R=992.32' T=44.46' L=128.74' LC=128.65'
CURVE DATA BASED ON E. RAD. 992.32' Δ/2 = 3°43'

STA.	ARC	CHORD LENGTH	DEFLECTION	TOTAL DEFLECTION
0+21.26	—	—	0°00'00"	0°00'00"
0+50	28.24'	28.74'	0°49'47"	0°49'47"
0+75	25.00'	25.00'	0°43'18"	1°33'05"
1+00	25.00'	25.00'	0°43'18"	2°16'23"
1+25	25.00'	25.00'	0°43'19"	2°59'42"
1+50	25.00'	25.00'	0°43'19"	3°43'00"

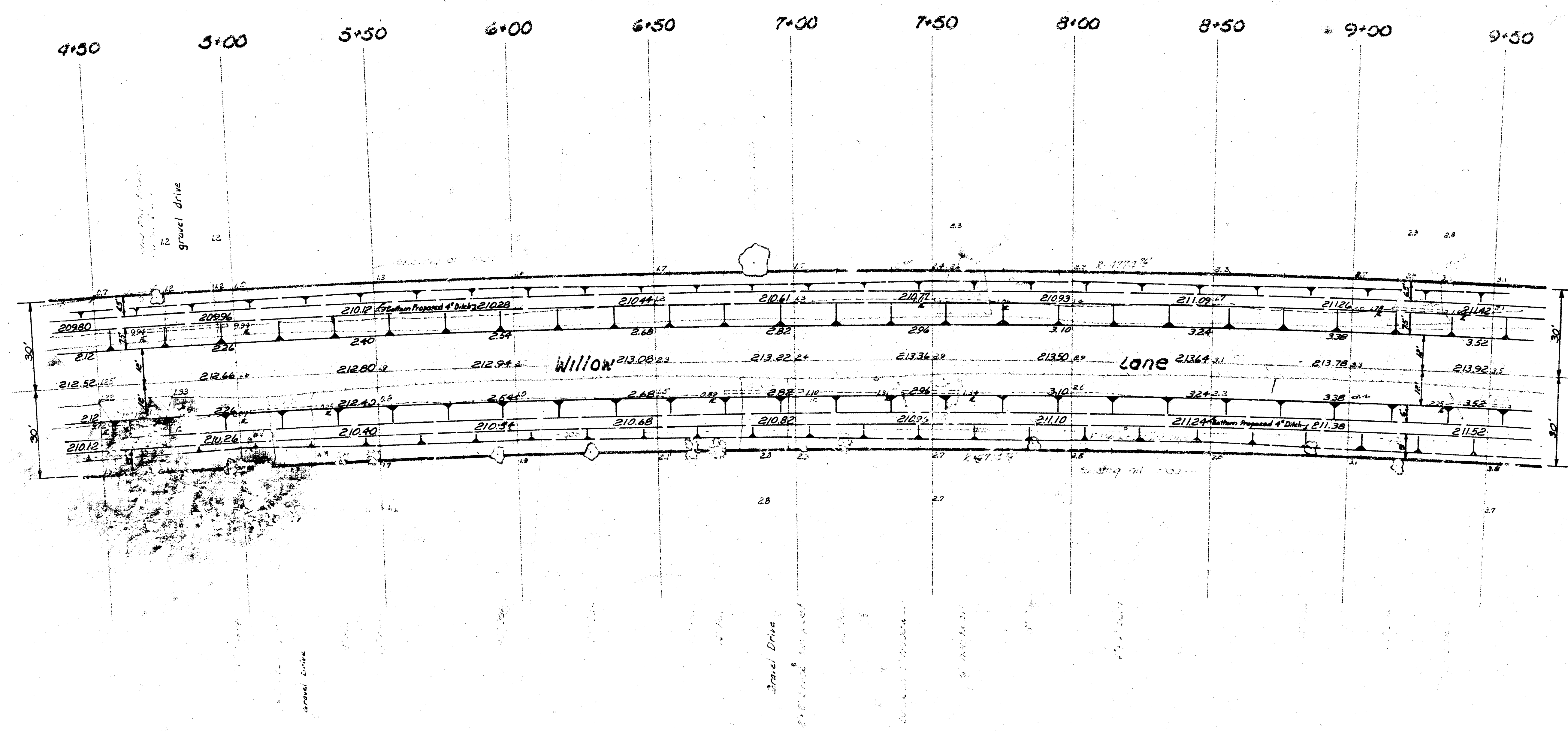
Property	Excavation	Comp. Fill
Excavation	2642.8 Cu. Yds.	150.0 Cu. Yds.
+10%	294.9 Cu. Yds.	15.0 Cu. Yds.
Total	3237.7 Cu. Yds.	165.0 Cu. Yds.

City	Excavation	Comp. Fill
Excavation	382.6 Cu. Yds.	13.1 Cu. Yds.
+10%	38.3 Cu. Yds.	1.3 Cu. Yds.
Total	420.9 Cu. Yds.	14.4 Cu. Yds.

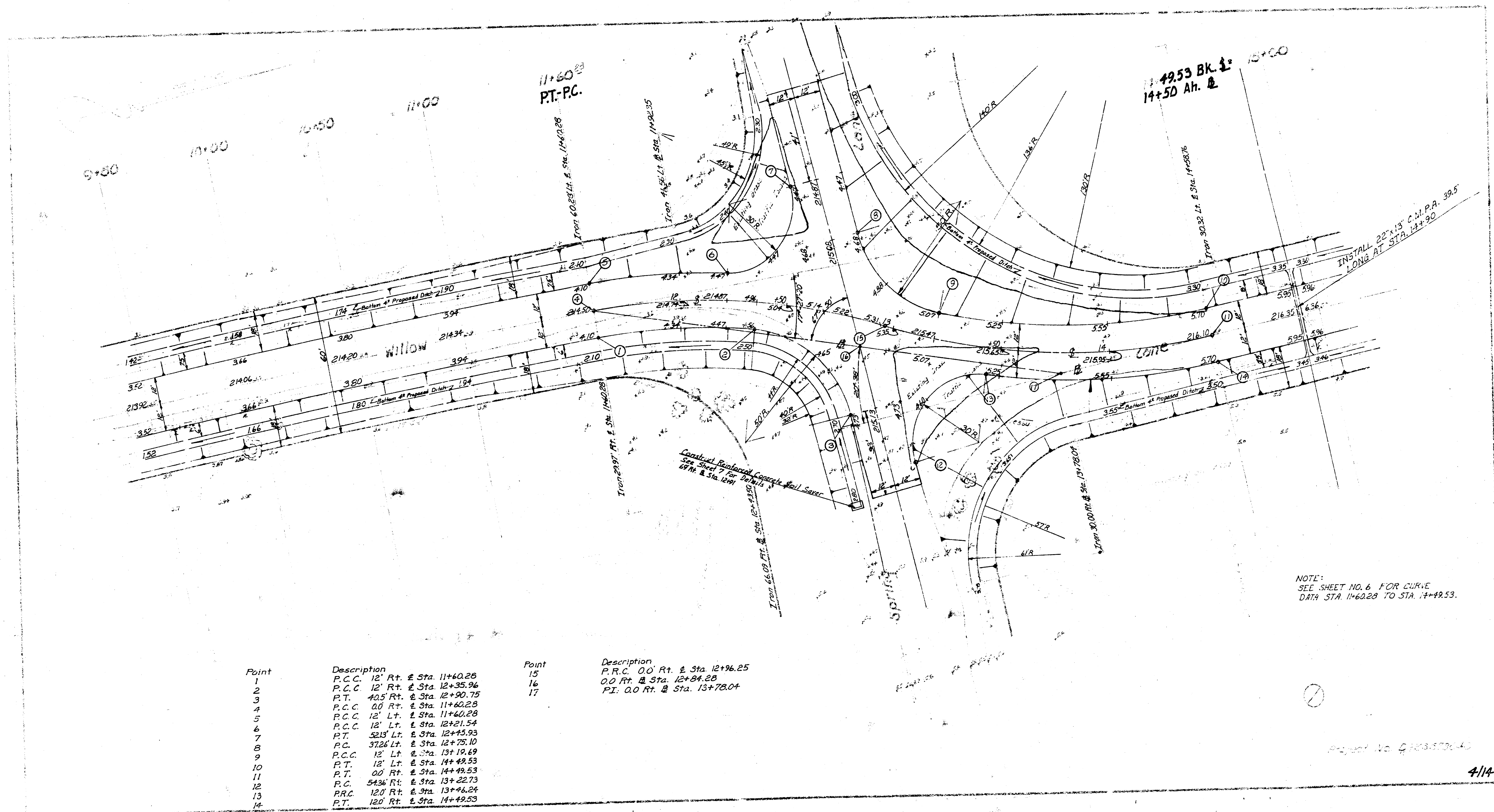
ALL W. 2075
N. 13° 38' 10" E. 100.00' (100.00')
Project No. 24K532073

Revised: 11-6-73 Relocate Pipe Sta. 0+50

B.M. 205.03 "F. CB. KEVIN 10' SOUTH OF SL. 13TH.
 B.M. 208.87 "S. CB. 13TH & W.L. CROSSWALK AT WILLOW LANE.
 B.M. "M" IN MUELLER - FIRE HYDRANT SE COR. WILLOW LANE & SPRING LANE. 218.24



Project to DAK35730-40

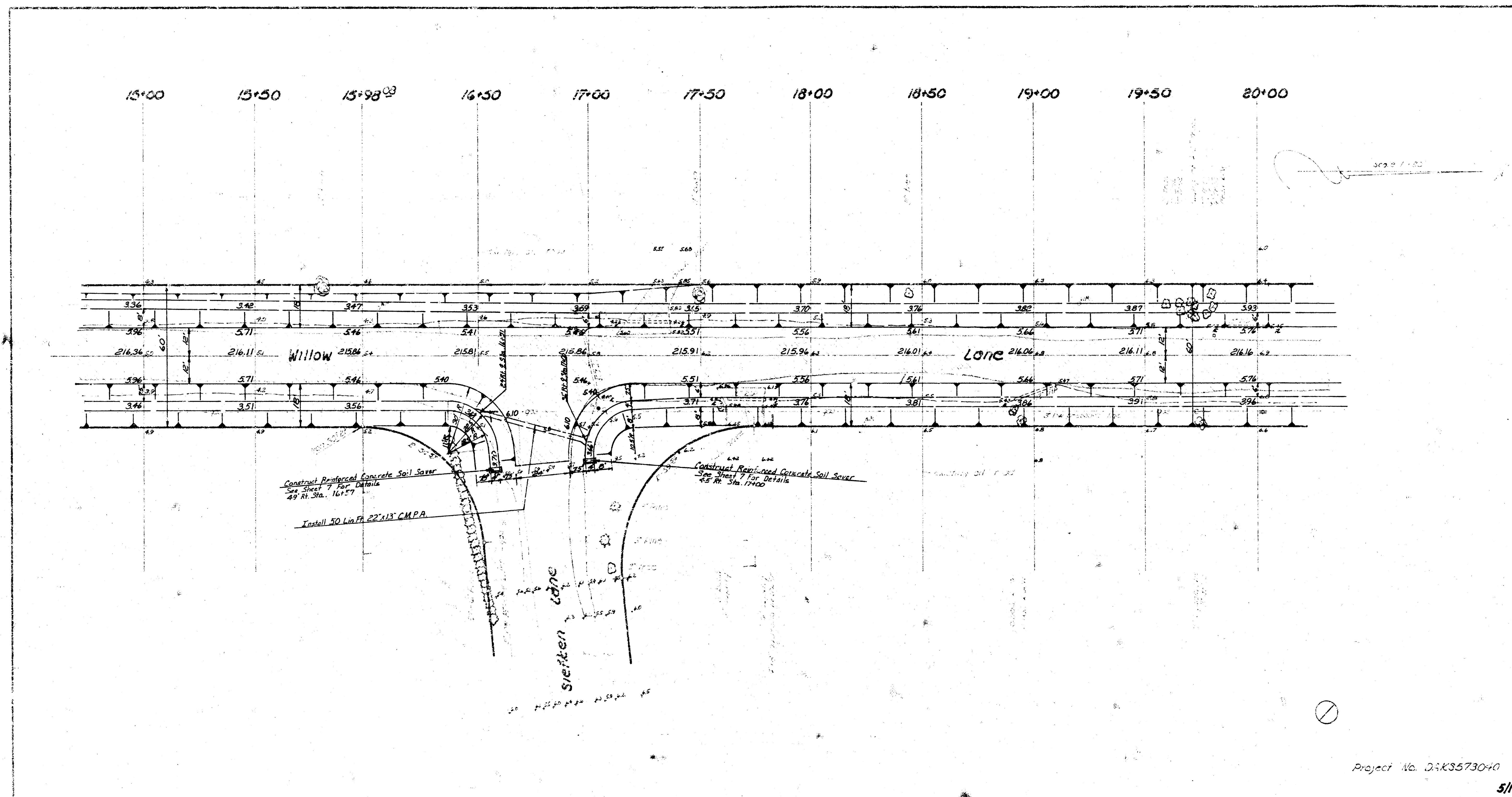


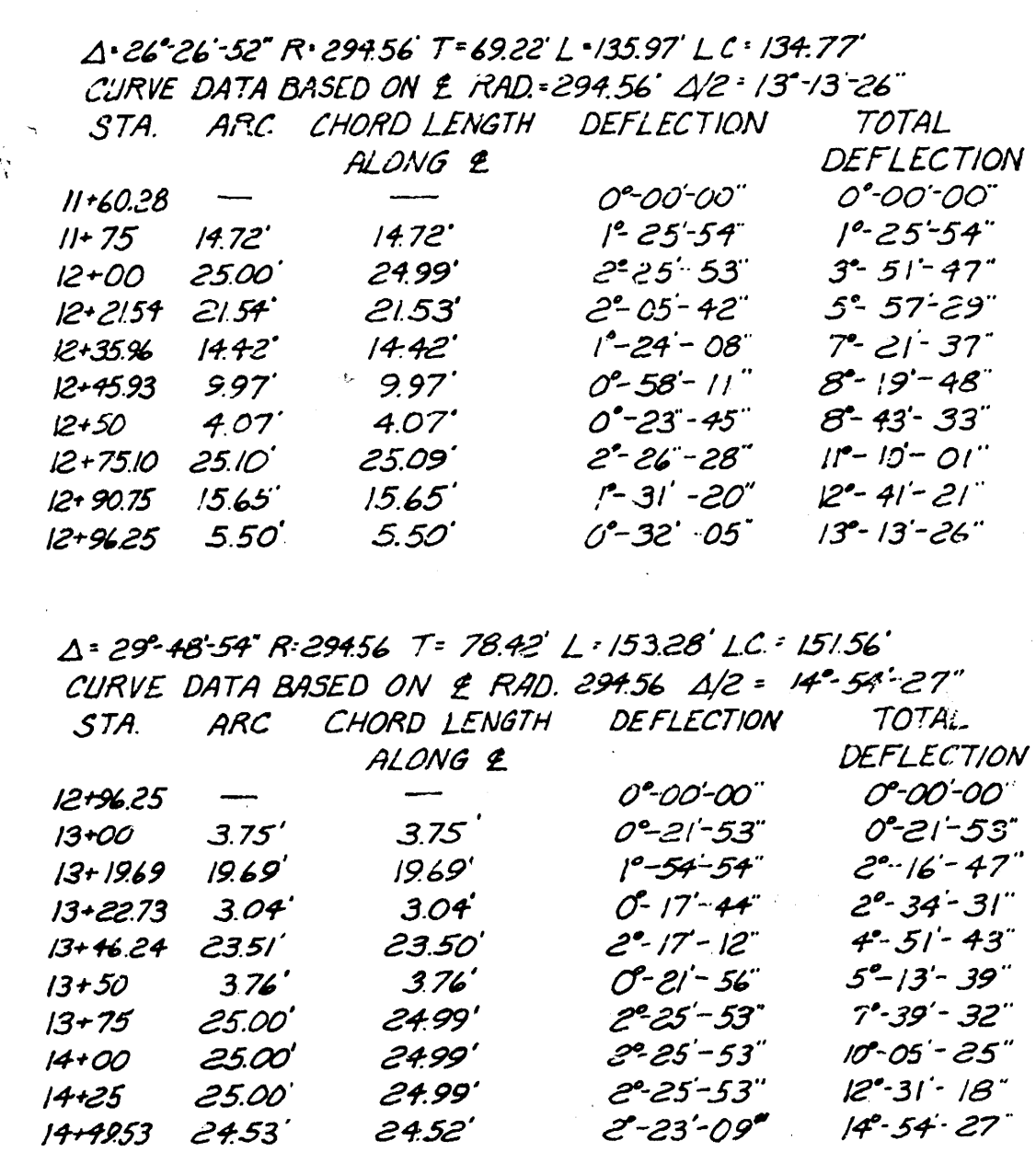
Point	Description	Point	Description
1	P.C.C. 12' Rt. E Sta. 11+60.28	15	P.R.C. 0.0' Rt. E Sta. 12+96.25
2	P.C.C. 12' Rt. E Sta. 12+35.94	16	0.0' Rt. E Sta. 12+84.28
3	P.T. 40.5' Rt. E Sta. 12+90.75	17	P.I. 0.0' Rt. E Sta. 13+78.04
4	P.C.C. 0.0' Rt. E Sta. 11+60.28		
5	P.C.C. 12' Lt. E Sta. 11+60.28		
6	P.C.C. 12' Lt. E Sta. 12+21.54		
7	P.T. 52.3' Lt. E Sta. 12+45.93		
8	P.C. 37.26' Lt. E Sta. 12+72.10		
9	P.C.C. 12' Lt. E Sta. 13+19.69		
10	P.T. 12' Lt. E Sta. 14+49.53		
11	P.T. 0.0' Rt. E Sta. 14+49.53		
12	P.C. 54.36' Rt. E Sta. 13+22.73		
13	P.R.C. 12.0' Rt. E Sta. 13+46.24		
14	P.T. 12.0' Rt. E Sta. 14+49.53		

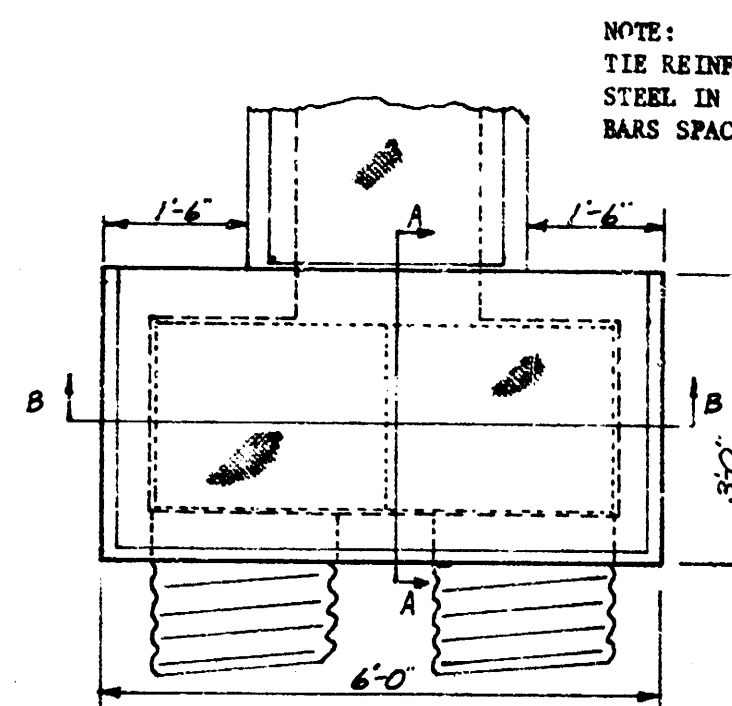
NOTE:
SEE SHEET NO. 6 FOR CURVE
DATA STA. 11+60.28 TO STA. 14+49.53.

Project No. 2103-170-40

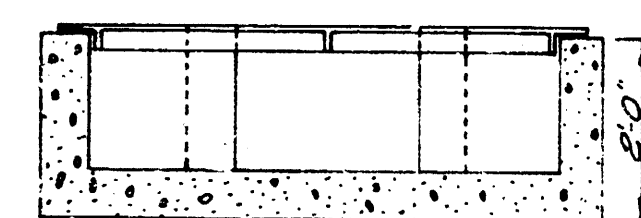
4/14





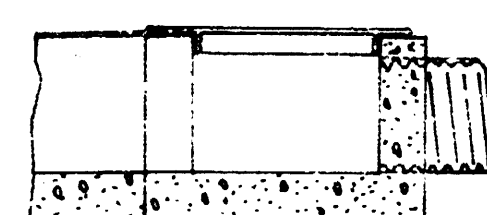


PLAN
JUNCTION BOX
(CONCRETE)



SECTION BB

NOTE:
REINFORCING STEEL SHALL BE PLACED IN STRUCTURES SO THAT THERE
WILL BE 2" CLEARANCE FROM THE BOTTOM OF THE STRUCTURE AND 2"
CLEARANCE FROM THE OUTSIDE OF THE WALLS OF THE STRUCTURE.



SECTION AA

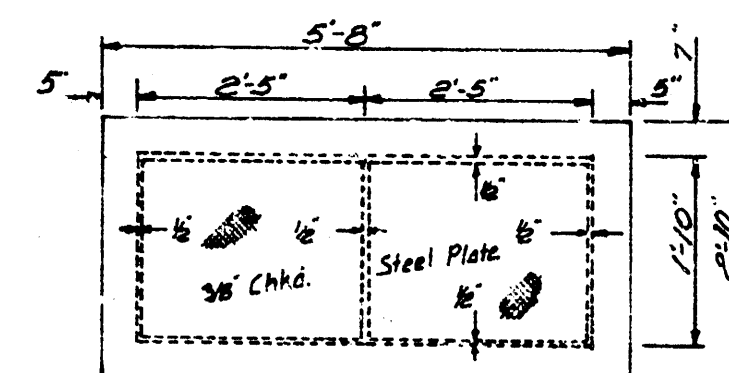
NOTE:
SHAPE FLOOR TO DRAIN WITH EIGHT SACK CONCRETE SAND MIX AS PER
CITY OF WICHITA ASPHALT CONCRETE PAVEMENT SPECIFICATIONS.

NOTE:
THE FLOOR AND THE WALLS SHALL BE SIX INCHES IN
THICKNESS IN THIS JUNCTION BOX.

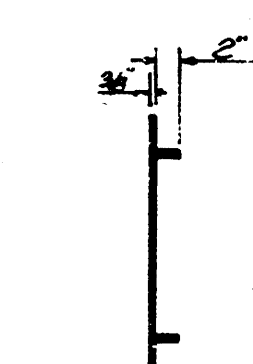
NOTE:
ALL COSTS OF CONCRETE, REINFORCING STEEL, STRUCTURAL STEEL,
EXCAVATION AND ANY OTHER INCIDENTAL COSTS INCURRED IN CON-
STRUCTION OF THIS CONCRETE JUNCTION BOX SHALL BE INCLUDED IN
THE BID PRICE OF REINFORCED CONCRETE JUNCTION BOX.

NOTE:
NUMBER 4 REINFORCING BARS SHALL BE PLACED ON NINE INCH
CENTERS IN THE FLOOR OF THIS STRUCTURE WITH STEEL
RUNNING IN BOTH DIRECTIONS. THE REINFORCING STEEL
TO THE FLOOR SHALL BE BENT UP AND EXTENDED INTO THE
WALLS A DISTANCE OF ONE FOOT.

NOTE:
TIE REINFORCING STEEL IN JUNCTION BOX TO REINFORCING
STEEL IN CONCRETE FLOOR WITH NUMBER 4 REINFORCING
BARS SPACED AT NINE INCH CENTERS.



PLAN

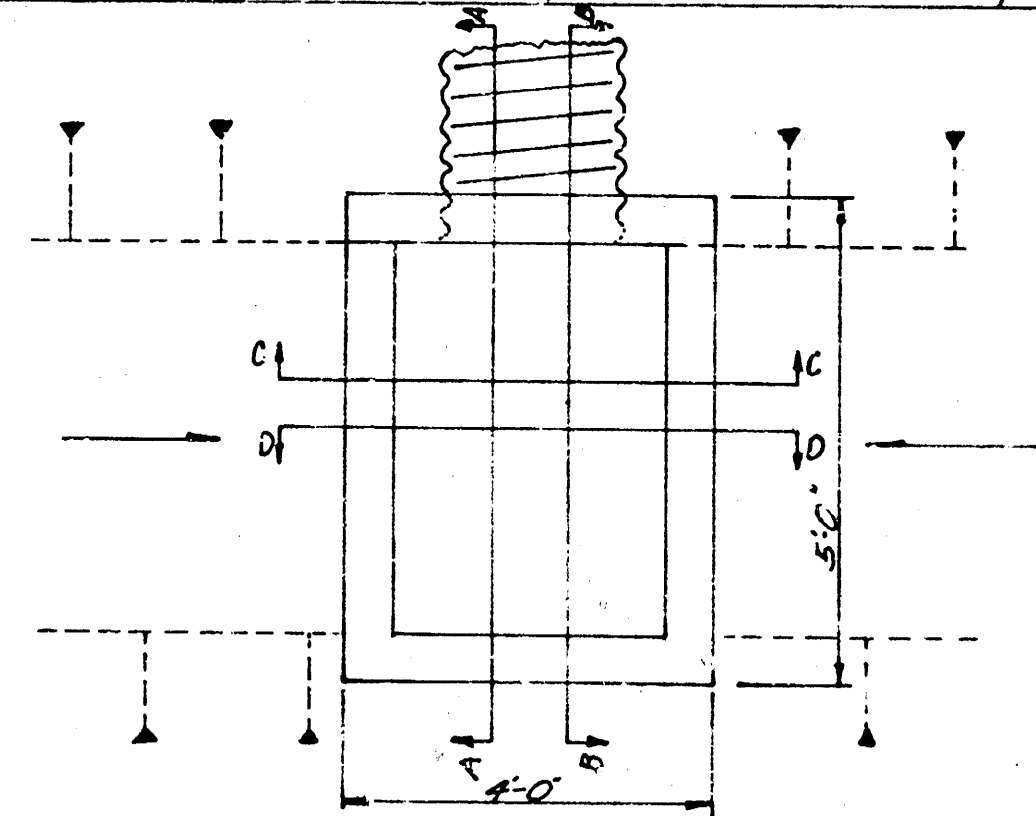


SECTION

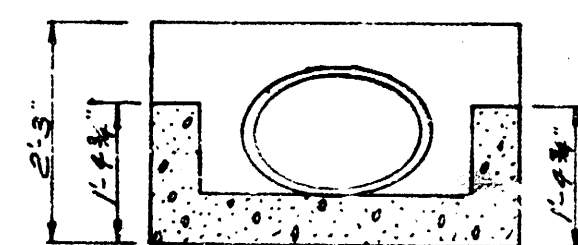
ELEVATION

STRUCTURAL STEEL JUNCTION BOX COVER

Shop Paint With Black Asphalt



PLAN SOIL SAVER (CONCRETE)
19' RT. & STA.
0+50

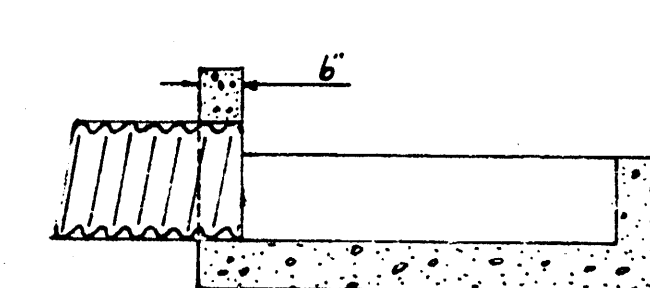


SECTION CC

NOTE:
ALL COSTS OF CONCRETE, REINFORCING STEEL, EXCAVATION AND ANY
OTHER INCIDENTAL COSTS INCURRED IN CONSTRUCTION OF THIS CON-
CRETE SOIL SAVER SHALL BE INCLUDED IN THE BID PRICE OF
REINFORCED CONCRETE SOIL SAVER.

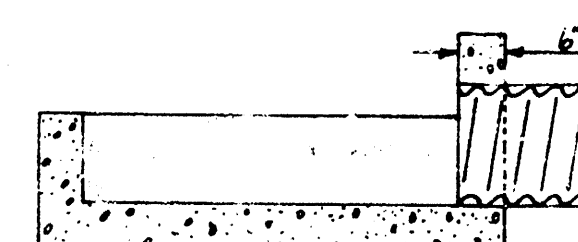
NOTE:
SHAPE FLOOR TO DRAIN WITH EIGHT SACK CONCRETE SAND MIX AS PER
CITY OF WICHITA ASPHALT CONCRETE PAVEMENT SPECIFICATIONS.

NOTE:
REINFORCING STEEL SHALL BE PLACED IN STRUCTURES SO THAT THERE
WILL BE 2" CLEARANCE FROM THE BOTTOM OF THE STRUCTURE AND 2"
CLEARANCE FROM THE OUTSIDE OF THE WALLS OF THE STRUCTURE.



SECTION BB

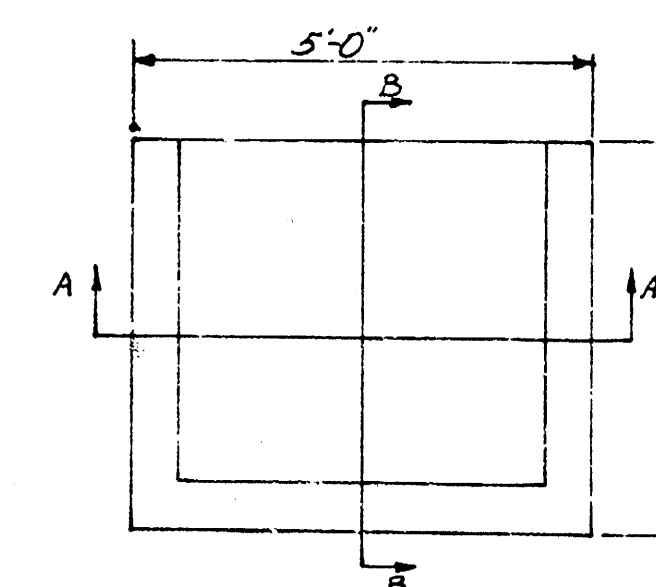
NOTE:
NUMBER 4 REINFORCING BARS SHALL BE PLACED ON ONE FOOT CENTERS
IN THE FLOOR OF THIS STRUCTURE WITH STEEL RUNNING IN BOTH
DIRECTIONS. THE REINFORCING STEEL IN THE FLOOR SHALL BE
BENT UP AND EXTENDED INTO THE WALLS A DISTANCE OF ONE FOOT
WHERE THIS IS POSSIBLE.



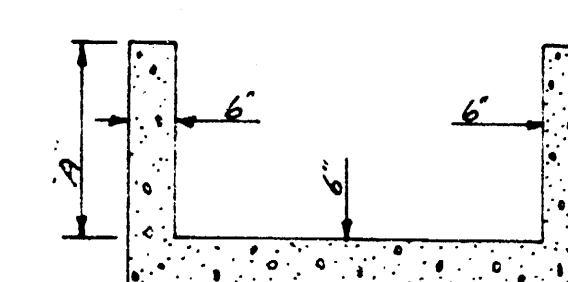
SECTION AA



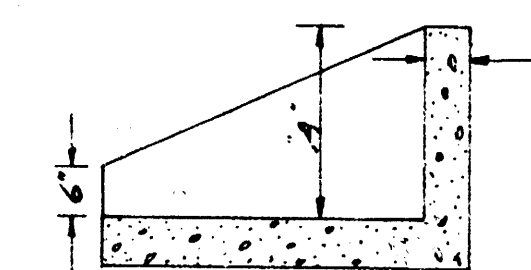
SECTION DD



PLAN SOIL SAVER (CONCRETE)
49' RT. & STA. 12+91
49' RT. & STA. 16+57
45' RT. & STA. 17+00



SECTION AA



SECTION BB

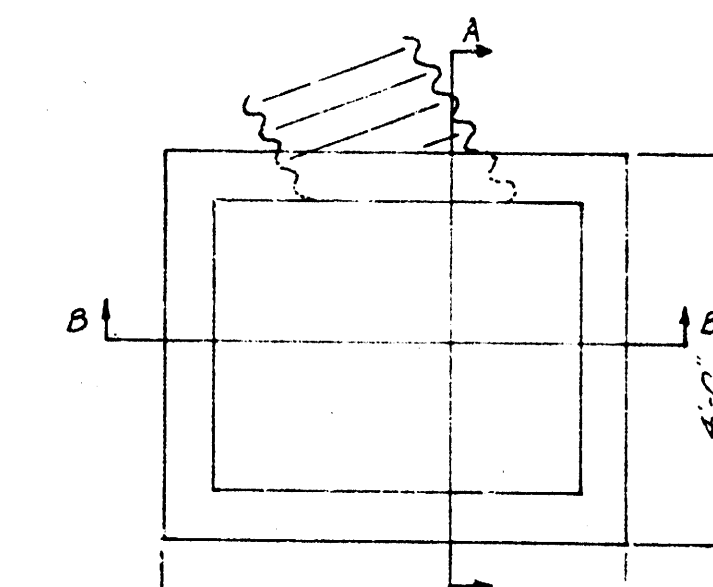
STATION
49' RT. & STA. 12+91 1'-6"
49' RT. & STA. 16+57 1'-6"
45' RT. & STA. 17+00 1'-6"

NOTE:
ALL COSTS OF CONCRETE, REINFORCING STEEL, EXCAVATION AND ANY
OTHER INCIDENTAL COSTS INCURRED IN CONSTRUCTION OF THIS CON-
CRETE SOIL SAVER SHALL BE INCLUDED IN THE BID PRICE OF
REINFORCED CONCRETE SOIL SAVER.

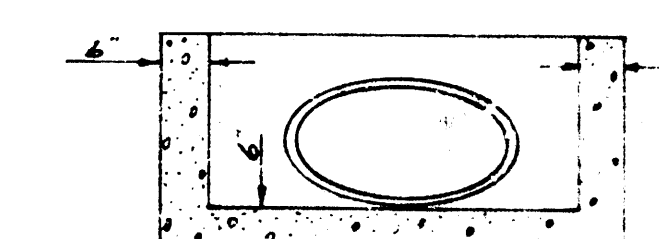
NOTE:
SHAPE FLOOR TO DRAIN WITH EIGHT SACK CONCRETE SAND MIX AS PER
CITY OF WICHITA ASPHALT CONCRETE PAVEMENT SPECIFICATIONS.

NOTE:
REINFORCING STEEL SHALL BE PLACED IN STRUCTURES SO THAT THERE
WILL BE 2" CLEARANCE FROM THE BOTTOM OF THE STRUCTURE AND 2"
CLEARANCE FROM THE OUTSIDE OF THE WALLS OF THE STRUCTURE.

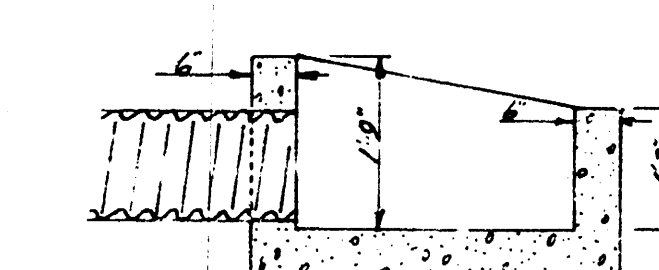
NOTE:
NUMBER 4 REINFORCING BARS SHALL BE PLACED ON ONE FOOT CENTERS
IN THE FLOOR OF THIS STRUCTURE WITH STEEL RUNNING IN BOTH
DIRECTIONS. THE REINFORCING STEEL IN THE FLOOR SHALL BE
BENT UP AND EXTENDED INTO THE WALLS A DISTANCE OF ONE FOOT
WHERE THIS IS POSSIBLE.



PLAN SOIL SAVER (CONCRETE)
8.5 LT. & STA. 23+02



SECTION BB



SECTION AA

NOTE:
ALL COSTS OF CONCRETE, REINFORCING STEEL, EXCAVATION AND ANY
OTHER INCIDENTAL COSTS INCURRED IN CONSTRUCTION OF THIS CON-
CRETE SOIL SAVER SHALL BE INCLUDED IN THE BID PRICE OF
REINFORCED CONCRETE SOIL SAVER.

NOTE:
SHAPE FLOOR TO DRAIN WITH EIGHT SACK CONCRETE SAND MIX AS PER
CITY OF WICHITA ASPHALT CONCRETE PAVEMENT SPECIFICATIONS.

NOTE:
REINFORCING STEEL SHALL BE PLACED IN STRUCTURES SO THAT THERE
WILL BE 2" CLEARANCE FROM THE BOTTOM OF THE STRUCTURE AND 2"
CLEARANCE FROM THE OUTSIDE OF THE WALLS OF THE STRUCTURE.

NOTE:
NUMBER 4 REINFORCING BARS SHALL BE PLACED ON ONE FOOT CENTERS
IN THE FLOOR OF THIS STRUCTURE WITH STEEL RUNNING IN BOTH
DIRECTIONS. THE REINFORCING STEEL IN THE FLOOR SHALL BE
BENT UP AND EXTENDED INTO THE WALLS A DISTANCE OF ONE FOOT
WHERE THIS IS POSSIBLE.

WILLOW LANE
PROJ. NO. DAKS 573040
7/14

