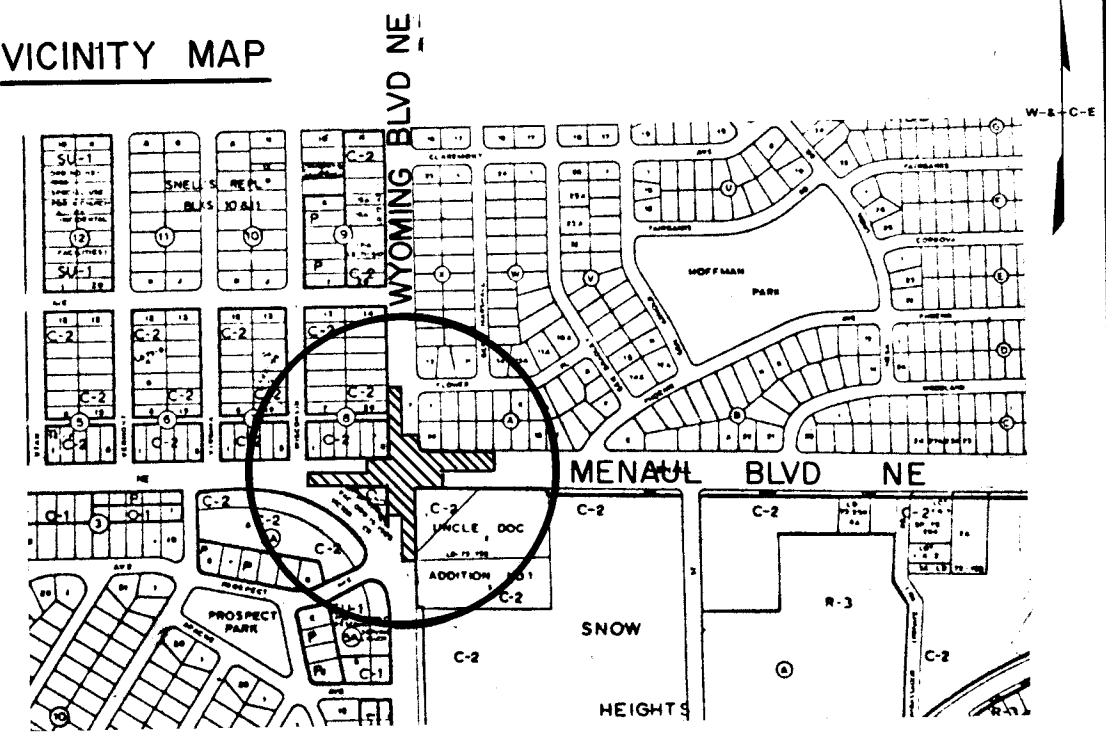


CITY OF ALBUQUERQUE, NEW MEXICO
TRANSPORTATION DEPARTMENT



NOTES

ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1979 EDITION (REFERRED TO HEREIN AS THE STANDARD SPECIFICATIONS).

TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMUM AMOUNT OF DELAY.

CITY ZONE ATLAS NO. H-19-Z & H-20-Z

CONSTRUCTION OF CONCRETE PAVEMENT
AT THE INTERSECTION OF
MENAUL BLVD. & WYOMING BLVD.

INDEX

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APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
[Signature]
DATE 5-31-88

1 2 3 4 5 6 7 8 9 10 11 12
26 16720188

RECORD DRAWING
DATE 21 June, 1988

REV	SHEETS	CITY. ENGR.	DATE	USER DEPT.	DATE	USER DEPT.	DATE
APPROVAL OF REVISIONS							

WILSON & COMPANY
ENGINEERS & ARCHITECTS
ALBUQUERQUE, NEW MEXICO

APPROVED FOR CONSTRUCTION
[Signature]
2-10-88

PROJECT No. **1672**

SHEET **1** OF **14**

SUMMARY

OF

QUANTITIES

GENERAL

NOTES

LEGEND

ITEM NO.	ITEM	UNIT OF MEASURE	QUANTITIES	
			ESTIMATE	FINAL
1.	PORTLAND CEMENT FLY ASH CONC. PAVEMENT, 8½" THICK, INCL. 12" SUBGRADE PREPARATION	S.Y.	5,560	5,647
2.	SPECIAL APPROACH PAVEMENT, INCL. 6" P.C. CONC. BASE & 12" SUBGRADE PREPARATION. ASPHALTIC SURFACING ITEMS ARE PAID FOR SEPARATELY	S.Y.	445	424
3.	PORTLAND CEMENT CONC. 4" MEDIAN PAVEMENT, INCL. 6" SUBGRADE PREPARATION	S.F.	1,360	1,312
4.	PORTLAND CEMENT CONC. STD. CURB & GUTTER, INCL. 12" SUBGRADE PREPARATION	L.F.	2,235	2,540
5.	PORTLAND CEMENT CONC. STD. MEDIAN CURB & GUTTER, INCL. 12" SUBGRADE PREPARATION	L.F.	2,500	2,423
6.	PORTLAND CEMENT CONC. HEADER CURB, 6" x 18", INCL. EXCAV. & BACKFILL	L.F.	80	121
7.	PORTLAND CEMENT CONC. DEPRESSED GUTTER, INCL. 12" SUBGRADE PREPARATION	L.F.	215	296
8.	PORTLAND CEMENT CONC. SIDEWALK, 4" THICK, INCL. 6" SUBGRADE PREPARATION	S.F.	4,260	5,676
9.	PORTLAND CEMENT CONC. DRIVEPAD, 6" THICK, INCL. 6" SUBGRADE PREPARATION	S.F.	3,265	4,566
10.	PROCESS & COMPACT 6" SUBGRADE	S.Y.	5,800	6,427
11.	PROCESS & COMPACT 6" SUBBASE	S.Y.	5,800	6,088
12.	CEMENT TREATED BASE COURSE, 6" THICK, CENTRAL PLANT MIXED	S.Y.	5,800	2,616
13.	EMULSIFIED ASPHALT CURE COAT	S.Y.	6,245	7,090
14.	ASPHALTIC CONCRETE BASE COURSE, 2½" THICK, 500 LB. STABILITY	S.Y.	6,245	5,651
15.	EMULSIFIED ASPHALT TACK COAT	S.Y.	6,245	7,078
16.	ASPHALTIC CONCRETE SURFACE COURSE, 1½" THICK, 1800 LB. STABILITY	S.Y.	320	390
17.	ASPHALTIC CONCRETE TEMPORARY SURFACING, 2" THICK, 1500 LB. STABILITY	S.Y.	2,200	1,678
18.	COLD MILLING ASPHALT PAVEMENT, NOMINAL 1" CUT, INCL. TRANSPORT OF MILLED MAT'L. TO DESIGNATED SITE	S.Y.	2,200	1,612
19.	REPLACEMENT OF MILLED AREAS, 1" - 2" THICK, ASPHALTIC CONC. SURFACE COURSE, 1800 LB. STABILITY	EA.	6	8
20.	ADJUSTING MANHOLE FRAMES TO GRADE	EA.	4	5
21.	ADJUSTING WATER VALVE BOX & BEARING FLANGE TO GRADE	L.S.	1	1
22.	TRAFFIC SIGNAL STRAIN POLE & SPAN WIRE SYSTEM FOR SPAN WIRE SIGNALIZATION, INCL. P.C. CONC. FOUNDATIONS, STRAIN POLES & SPAN WIRE CABLES	L.S.	1	0
23.	REMOVE & REPLACE WITH EQUAL PLANTS & MAT'L'S., LANDSCAPED AREA, AT TEMP. ENTRANCE TO ALBUQUERQUE FED. SAV. & LOAN. ASPH. SURF. & HEADER CURB ITEMS ARE PAID SEPARATELY	EA.	6	6
24.	6' x 6', CITY FURNISHED DETECTOR LOOP, INCL. LOADING, HAULING, PLACING, EXCAV., & BACKFILL	EA.	8	8
25.	5' x 40', CITY FURNISHED DETECTOR LOOP, INCL. LOADING, HAULING, PLACING, EXCAV., & BACKFILL	EA.	10	14
26.	TRAFFIC SIGNAL PULL BOX	L.F.	970	992
27.	TRAFFIC SIGNAL ELECTRICAL CONDUIT, 2" RIGID, INCL. CONNECTION TO EXIST. CONDUIT, IF REQUIRED	L.F.	520	540
28.	TRAFFIC SIGNAL ELECTRICAL CONDUIT, 3" RIGID, INCL. CONNECTION TO EXIST. CONDUIT, IF REQUIRED	EA.	12	14
29.	PORTLAND CEMENT CONC. STREET LIGHT FOUNDATION	L.F.	5,050	5,520
30.	REMOVAL & DISPOSAL OF EXIST. PORTLAND CEMENT CONC. CURB & GUTTER	S.Y.	1,150	1,172
31.	CUTTING, REMOVAL & DISPOSAL OF EXIST. SIDEWALK & DRIVEPADS	L.F.	100	184
32.	REMOVAL & DISPOSAL OF EXIST. PORTLAND CEMENT CONC. HEADER CURB	S.Y.	320	390
33.	REMOVAL & DISPOSAL OF TEMPORARY ASPHALTIC CONCRETE SURFACING	S.Y.	10,400	10,867
34.	REMOVAL & DISPOSAL OF EXIST. ARTERIAL ASPHALTIC CONCRETE PAVING	EA.	8	8
35.	REMOVAL & DISPOSAL OF EXIST. TRAFFIC SIGNAL FOUNDATION, ANY TYPE	EA.	7	11
36.	REMOVAL & DISPOSAL OF EXIST. TRAFFIC SIGNAL PULL BOX	EA.	11	12
37.	REMOVAL & DISPOSAL OF EXIST. STREET LIGHT FOUNDATION	EA.	10	10
38.	REMOVAL & DISPOSAL OF EXIST. TRAFFIC SIGNAL PRESSURE DETECTORS	S.F.	200	128
39.	FURNISH, INSTALL & REMOVE INFORMATIONAL SIGNS TO DIRECT CUSTOMERS TO LOCAL BUSINESSES WITHIN CONST. AREA	L.S.	1	1
40.	FURNISH, INSTALL, MAINTAIN & REMOVE ALL TRAFFIC CONTROL DEVICES REQUIRED TO MAINTAIN TRAFFIC DURING CONST. OF ALL PHASES OF WORK, INCL. ANY SUSPENSION OF WORK	L.F.	10	0
42.	12" D.I.P., IN TRENCH	L.F.	140	102
43.	18" RCP, CLASS III, IN TRENCH	L.F.	83	24
44.	24" RCP, CLASS III, IN TRENCH	L.F.	69	75
45.	30" RCP, CLASS III, IN TRENCH	L.F.	233	87
46.	TRENCHING, BACKFILLING & COMPACTION FOR 12" THRU 24" PIPE, LESS THAN 8' TRENCH DEPTH	L.F.	69	0
47.	TRENCHING, BACKFILLING & COMPACTION 18" THRU 30" PIPE, 8' - 14' TRENCH DEPTH	EA.	1	0
48.	6" DIA. TYPE "E" MANHOLE, 10' - 14' DEPTH	EA.	1	1
49.	8" DIA. TYPE "E" MANHOLE, 10' - 14' DEPTH	EA.	6	8
50.	TYPE "C" CATCH BASIN, DOUBLE GRATE, INCL. CONNECTION TO EXIST. OUTLET PIPE	EA.	1	2
52.	CONNECTION OF STORM DRAIN PIPE TO EXIST. MANHOLE	EA.	5	6
53.	REMOVAL OF EXIST. CATCH BASIN, ANY TYPE, INCL. CLEANUP & PLUGGING ABANDONED EXIST. PIPE	L.F.	40	38
54.	REMOVAL & DISPOSAL OF STORM DRAIN PIPE, 12" THRU 24"	L.F.	37	0
51.	TYPE "C" DOUBLE GRATE C.B. ADDED COST FOR EACH ADDITIONAL FOOT OVER 6 FEET	EA.	2	0
55.	8" EXTRA STRENGTH VCP, IN TRENCH	L.F.	37	0
56.	CONNECTION OF 8" SANITARY SEWER PIPE TO EXIST. MANHOLE	L.F.	37	0
57.	TRENCHING, BACKFILLING & COMPACTION FOR 8" PIPE, 8' - 12' DEPTH	HR.	10	0
58.	PUMPING SEWAGE BETWEEN MANHOLES BECAUSE OF SANITARY SEWER LINE REPLACEMENT	L.F.	37	0
59.	REMOVAL & DISPOSAL OF EXIST. 8" SANITARY SEWER LINE, INCL. TRENCHING AS REQUIRED	L.F.	40	38
60.	6" DIA. WATERLINE INCL. TRENCHING, BACKFILLING & COMPACTION	L.F.	560	558
61.	12" DIA. WATERLINE INCL. TRENCHING, BACKFILLING & COMPACTION	EA.	1	2
62.	6" GATE VALVES	EA.	5	5
63.	12" GATE VALVES	EA.	1	1
64.	FIRE HYDRANT, 4" BURY	LB.	1,500	1,513
65.	C.I. FITTINGS, MJ, ALL SIZES, CLASS 250, WITH ALL JOINTING MATERIALS	EA.	6	7
66.	VALVE BOXES, TYPE A, INCL. RING, COVER & CONC. COLLAR	EA.	1	1
67.	REMOVE & RELAY EXIST. FIRE HYDRANTS	EA.	6	6
68.	STEEL 90° BEND, 12"	EA.	6	6
69.	STEEL TRANSITION COUPLING, 12"	L.F.	12	22
70.	12" STEEL PIPE	EA.	3	3
71.	STEEL CAP, 12"	EA.	4	4
72.	NON-PRESSURIZED CONNECTION TO EXIST. WATER LINE	L.F.	30	16
73.	REMOVAL & DISPOSAL OF 12" STEEL WATER LINE	EA.	7	10
74.	RELOCATE EXISTING METER & METER BOX, WITH LABOR & MAT'L'S. (CITY FURNISHED METER BOX, COVER & LIDS)	EA.	1	1
75.	NEW SERVICE LINE, 1", SINGLE SERVICE CONNECTION, WITH LABOR & MAT'L'S., PER STANDARD DETAILS	L.S.	1	0
76.	REMOVE & RELOCATE EXISTING SIGN OF EXXON SERVICE STATION	EA.	1	3
76.	¾" SERVICE LINE REPLACEMENT & TRANSFER			

- ALL RADII OF CURB RETURNS ARE SHOWN TO FACE OF CURB.
- UNLESS OTHERWISE SHOWN, ALL DIMENSIONS ARE TO FACE OF CURB.
- ALL FINISH GRADES AND PROFILES SHOWN ARE TOP OF CURB GRADES, UNLESS OTHERWISE NOTED. MATCH FLOWLINES OF GUTTERS WHEN CONNECTING NEW CURB AND GUTTER TO EXISTING.
- ALL UTILITY POLES ARE TO BE RELOCATED BY OTHERS.
- CURB AND GUTTER SHOWN AS EXISTING AND NOT TO BE REMOVED UNDER THIS CONTRACT WHICH IS DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- WHEN ABUTTING NEW PAVEMENT TO EXISTING, SAW CUT EXISTING PAVEMENT TO A STRAIGHT LINE AS REQUIRED TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW TO EXISTING.
- WHEN REMOVAL OF EXISTING CURB AND GUTTER OR SIDEWALK IS REQUIRED, REMOVE BACK TO NEAREST JOINT.
- ALL GAS VALVE BOXES, GAS MANHOLES, ELECTRICAL MANHOLES, AND TELEPHONE MANHOLES WILL BE ADJUSTED TO GRADE BY OTHERS.
- 48 HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE & CABLE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
- CONTRACTOR IS TO EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UNDERGROUND UTILITIES. IT SHALL BE HIS RESPONSIBILITY TO COORDINATE WITH THE UTILITY COMPANIES IN ORDER TO PREVENT ANY SERVICE DISRUPTION.
- EXACT LOCATION OF DRIVEPADS AND WHEELCHAIR RAMPS WILL BE DETERMINED IN THE FIELD BY THE FIELD ENGINEER. LOCATIONS SHOWN ON PLAN AND PROFILE SHEETS ARE APPROXIMATE.
- THE APPLICABLE CITY OF ALBUQUERQUE STANDARD DETAILS ARE INCLUDED AT THE BACK OF THE SPECIFICATIONS.
- ALL WATER VALVE BOXES AND SEWER MANHOLES IN THE CONSTRUCTION AREA ARE TO BE ADJUSTED TO FINISH GRADE UNDER THIS CONTRACT, AND WILL BE PAID FOR AT CONTRACT UNIT PRICES.
- SUBGRADE PREPARATION UNDER CURB AND GUTTER, DRIVEPADS AND SIDEWALK SHALL BE CONSIDERED INCIDENTAL TO THE CONSTRUCTION OF SUCH AND SHALL BE INCLUDED IN THE BID PRICE FOR SUCH ITEMS.
- A DISPOSAL SITE, COMPLYING WITH ALL CITY ORDINANCES, SHALL BE OBTAINED BY THE CONTRACTOR FOR THE DISPOSAL OF ALL EXCESS EXCAVATION MATERIAL, ASPHALTIC PAVEMENT (EXCEPT MILLED BITUMINOUS CONCRETE PAVEMENT) AND OTHER WASTE MATERIALS. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE THE LOCATION OF THE DISPOSAL SITE PRIOR TO THE REMOVAL & ACTUAL DISPOSAL OF THE MATERIAL. ALL COSTS IN OBTAINING A DISPOSAL SITE AND HAUL THERETO SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFORE.
- THE CONTRACTOR WILL BE REQUIRED TO CONFINE HIS WORK WITHIN THE CONSTRUCTION LIMITS AND/OR R.O.W. TO PRESERVE EXISTING VEGETATION AND PRIVATE PROPERTY. OVERNITE PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAY OPENINGS OR DESIGNATED TRAFFIC LANES.
- FIFTY (50) TON ROLLER OPERATION SHALL NOT BE USED IN THIS PROJECT WHERE UNDERGROUND UTILITIES ARE PRESENT. THE REQUIRED COMPACTION AT THESE LOCATIONS SHALL BE EFFECTED BY MEANS OF OTHER TYPES OF ROLLING AVAILABLE.
- ALL EXCAVATIONS FOR STORM DRAINS, AND OTHER EXCAVATIONS AS NECESSARY SHALL BE GOVERNED BY THE CONSTRUCTION SAFETY AND HEALTH STANDARDS (TITLE 29, CRF, PART 1926 AND PART 1910 AS APPLICABLE TO CONSTRUCTION WORK - PUBLISHED IN THE FEDERAL REGISTER ON FEBRUARY 9, 1979.)
- ALL EXISTING REGULATORY SIGNS AND SIGNALS THAT NEED TO BE REMOVED, RELOCATED OR REINSTALLED SHALL BE DONE BY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING DIVISION. THE CONTRACTOR SHALL NOTIFY THE TRAFFIC ENGINEERING DIVISION 3 WORKING DAYS IN ADVANCE OF ANY REQUIRED WORK.
- WHERE PULL BOXES ABUT BACK OF CURB OR ARE LOCATED IN CONCRETE PAVED AREA, PROVIDE 1/2" EXPANSION MATERIAL. ALL PULL BOXES TO BE FLUSH WITH SURFACE OF CONCRETE.
- CONTRACTOR WILL BE HELD RESPONSIBLE FOR CONNECTING NEW CONDUIT TO EXISTING OR NEW TRAFFIC CONTROL FACILITIES. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO SEPARATE PAYMENT WILL BE MADE THEREFOR.
- PERMANENT SIGNING AND ALL STRIPING BY CITY FORCES. CONSTRUCTION SIGNING AND STRIPING BY CONTRACTOR. ALL COSTS INCURRED FOR CONSTRUCTION SIGNING AND STRIPING SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO DIRECT PAYMENT WILL BE MADE THEREFOR, UNLESS OTHERWISE PROVIDED.
- FIRE ALARM CABLES ARE TO BE ADJUSTED BY THE FIRE DEPARTMENT PERSONNEL. FOR INFORMATION CALL 243-6604.
- THE CONTRACTOR IS INVITED TO PROPOSE ALTERNATE CONSTRUCTION SEQUENCES AND METHODS OF DETOURING OR HANDLING TRAFFIC THRU CONSTRUCTION. THE CITY TRAFFIC ENGINEER'S APPROVAL WILL BE REQUIRED BEFORE ALTERNATE SEQUENCES MAY BE SUBSTITUTED FOR THOSE SHOWN ON THE PLANS.
- EXISTING MEDIAN CURB & GUTTER AND STANDARD CURB & GUTTER, NOT DISTURBED BY THE CONTRACTOR, AND THAT IS OUT OF ALIGNMENT OR DISPLACED VERTICALLY OR IS BADLY BROKEN OR DETERIORATED WILL BE REPLACED AS DIRECTED BY THE FIELD ENGINEER, AND WILL BE PAID FOR AT CONTRACT UNIT PRICES.
- THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS DIVISION AT LEAST 2 WORKING DAYS IN ADVANCE OF WHEN FIRE HYDRANTS WILL BE TAKEN OUT OF SERVICE AND RETURNED TO SERVICE.
- ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE 1978 EDITION OF "MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES".
- ALL TRAFFIC CONTROL SIGNS MUST BE INSTALLED BEFORE CONSTRUCTION BEGINS FOR EACH PHASE OF THE WORK AS DIRECTED BY THE FIELD ENGINEER. ALL SIGN LOCATIONS WILL BE SELECTED IN THE FIELD AND APPROVED BY THE FIELD ENGINEER. DISTANCES SHOWN ON THE PLAN MAY BE ADJUSTED TO FIT LOCAL CONDITIONS. SIGN HEIGHT SHALL BE 7 FT. ABOVE THE SIDEWALK LEVEL TO THE BOTTOM OF SIGN.
- ALL DRUMS USED FOR TRAFFIC CONTROL MAY BE FILLED WITH SAND OR WATER BALLAST LIMITED TO 100 LBS. MAXIMUM PER DRUM.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELING PEDESTRIAN TRAFFIC AROUND ALL WORK AREAS THROUGHOUT THE CONSTRUCTION PERIOD.
- THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1979 EDITION WILL GOVERN THIS PROJECT EXCEPT AS REVISED, AMENDED OR SUPPLEMENTED BY THE SUPPLEMENTAL GENERAL CONDITIONS, SPECIAL PROVISIONS AND THE TECHNICAL SPECIFICATIONS.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL PROPERTY EXCEPT DURING ACTUAL PAVING OPERATIONS.
- THE CONCRETE PAVEMENT FOR WHEEL CHAIR RAMPS IS INCLUDED IN THE BID ITEM "4 INCH CONCRETE SIDEWALK INCLUDING 6 INCH SUBGRADE PREPARATION".
- ALL ADVANCE WARNING SIGNS AND ALL BARRICADES SHALL BE EQUIPPED WITH FLASHING WARNING LIGHTS, TYPE A, EXCEPT ALL CHANNELIZING BARRICADES SHALL HAVE STEADY BURNING WARNING LIGHTS, TYPE C.
- ALL TRAFFIC CONTROL DEVICES REQUIRED FOR DRIVEWAY CLOSURES, UTILITY CONSTRUCTION, OR FOR OTHER REASONS AND NOT SHOWN ON SIGNING PLANS SHALL BE FURNISHED BY THE CONTRACTOR AND SHALL BE INCIDENTAL TO OTHER ITEMS OF WORK AND NO SEPARATE PAYMENT WILL BE MADE. PRIOR TO PLACING THE TRAFFIC CONTROL DEVICES, THE CONTRACTOR SHALL NOTIFY THE AFFECTED OWNERS IN ACCORDANCE WITH SUBPARAGRAPH 6.20.3 OF THE SUPPLEMENTAL GENERAL CONDITIONS.
- THE REMOVAL AND REPLACEMENT OF PRIVATE SIGNS AND LANDSCAPED AREAS SHALL BE REMOVED AND REPLACED BY THE RESPECTIVE OWNER, UNLESS OTHERWISE NOTED.
- ALL PERMANENT RIGHT OF WAY AND CONSTRUCTION EASEMENTS FOR WORK ON PRIVATE PROPERTY WILL BE OBTAINED BY THE CITY OF ALBUQUERQUE. THE PHASING OF CONSTRUCTION MAY BE REVISED BASED ON RIGHT OF WAY AVAILABLE FOR CONSTRUCTION.

EXISTING UTILITIES

—G— GAS
—W— WATER
—SAS— SANITARY SEWER
—SD— STORM DRAIN
—MH— MANHOLE
—WV— WATER VALVE
—UP— UTILITY POLE
—LP— LIGHT POLE
—FH— FIRE HYDRANT
—CB— CATCH BASIN
—TS— TRAFFIC SIGNAL
—UT— UNDERGROUND TELEPHONE CABLE
—PB— PULL BOX
—SP— SIGN POST
—TCB— TRAFFIC CONTROL BOX
—WM— WATER METER
• WOOD POST
/ TOP LT. CURB OR SIDEWALK
/ TOP RT. CURB OR SIDEWALK

NEW

PLAN



CURB & GUTTER



SIDEWALK & DRIVEPAD



ARTERIAL ASPHALTIC CONCRETE PAVEMENT



SPECIAL APPROACH PAVEMENT

(R) REMOVE

(C) CONSTRUCT

(I) INSTALL

1 2 3 4 5 6 7 8 9 10 11 12
26 16720288

RECORD DRAWING

DATE: 21 June, 1986

CITY OF ALBUQUERQUE
TRANSPORTATION DEPARTMENTMENAU BLVD. & WYOMING BLVD. NE
CONCRETE INTERSECTIONSUMMARY OF QUANTITIES,
GENERAL NOTES & LEGEND

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Traffic		
Liquid Waste			Water		
A.C.E. - Design					
A.C.E. - Hydrology					

1672

SHEET 2 OF 14

WILSON & COMPANY
ENGINEERS & ARCHITECTS

WCEA 77-510

Indicates Location to Relocate Existing Street Lights.

WISCONSIN ST. NE

NE Return
 $\Delta = 90^\circ 00' 00''$
 $R = 25.00'$
 $T = 25.00'$
 $L = 39.27'$

(A) $\Delta = 14^\circ 50' 06''$
 $R = 150.00'$
 $T = 19.53'$
 $L = 38.84'$

(B) $\Delta = 14^\circ 50' 06''$
 $R = 152.00'$
 $T = 19.79'$
 $L = 39.36'$

NW Return
 $\Delta = 70^\circ 05' 48''$
 $R = 15.00'$
 $T = 15.03'$
 $L = 23.59'$

Return
 $\Delta = 90^\circ 00' 00''$
 $R = 13.00'$
 $T = 13.00'$
 $L = 20.42'$

SW Return
 $\Delta = 87^\circ 55' 38''$
 $R = 15.00'$
 $T = 14.47'$
 $L = 23.02'$

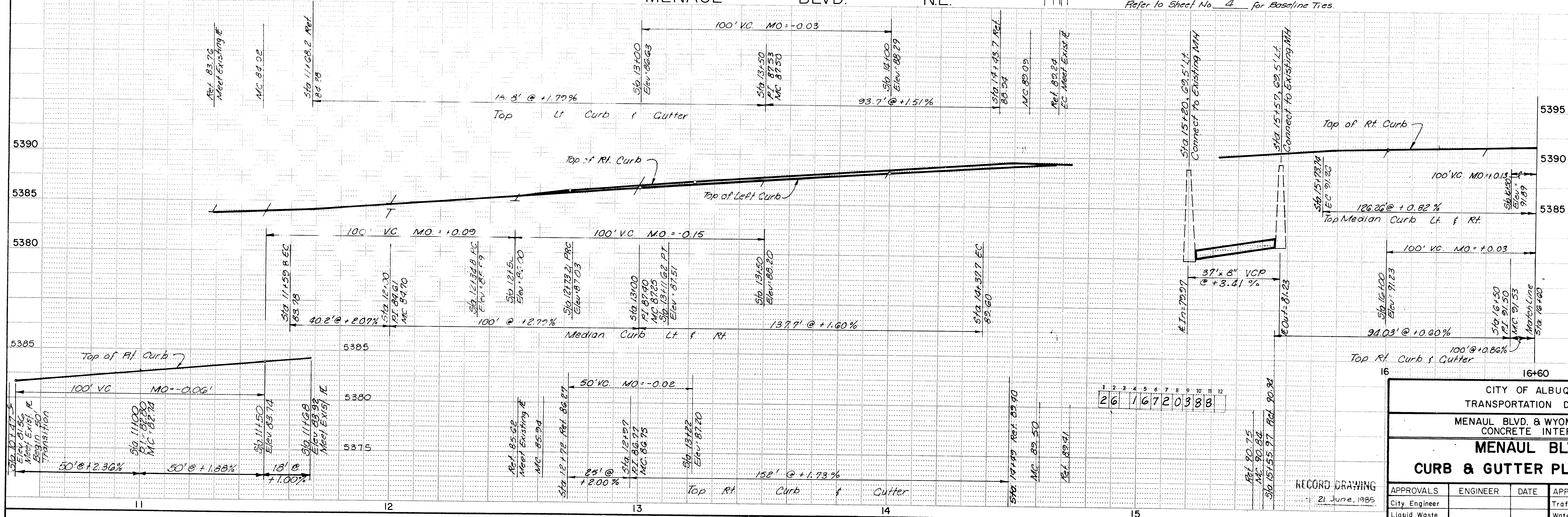
SE Return
 $\Delta = 91^\circ 36' 34''$
 $R = 8.00'$
 $T = 12.79'$
 $L = 8.23'$

MENAU BLVD. NE.

NOTE Refer to Sheet No. 4 for Baseline Ties

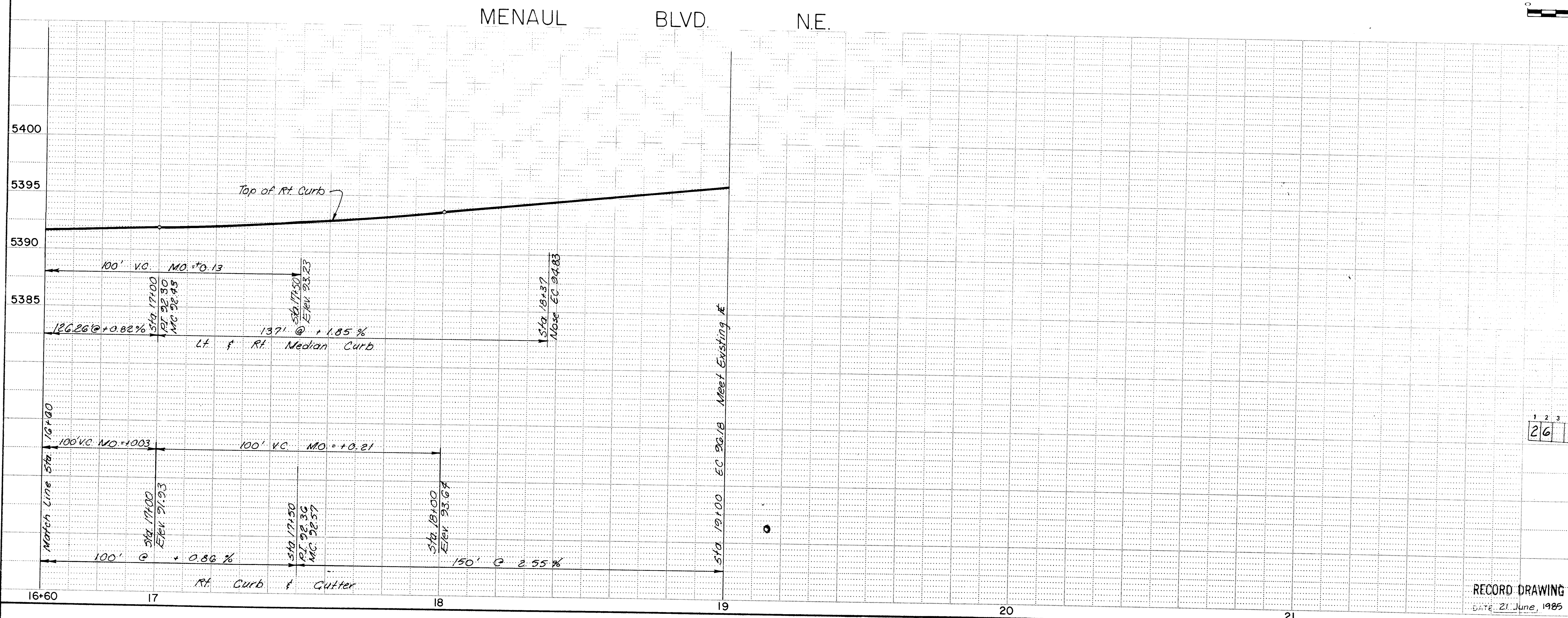
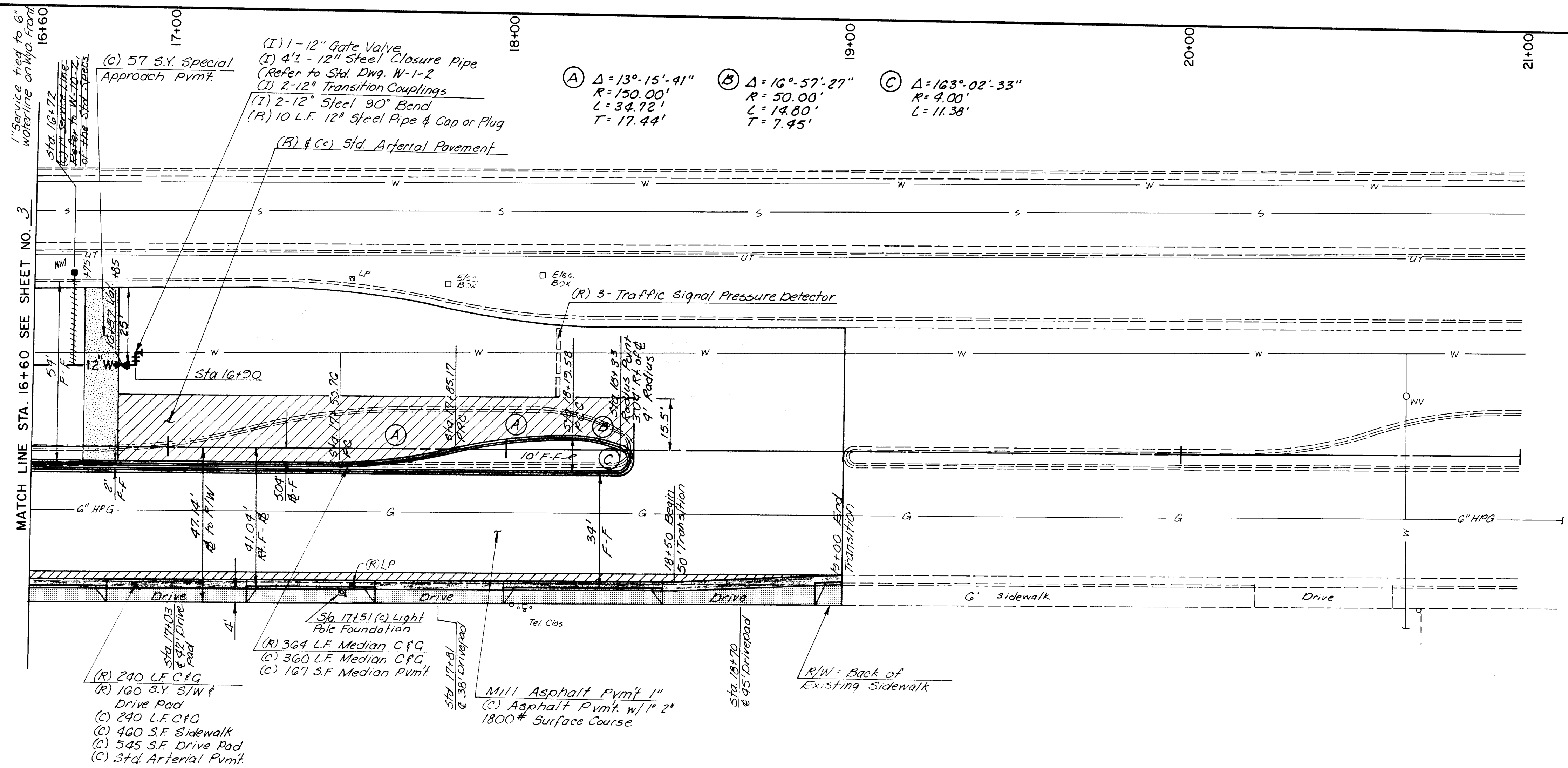
SCALE IN FEET

MATCH LINE STA. 16+60 SEE SHEET NO. 4

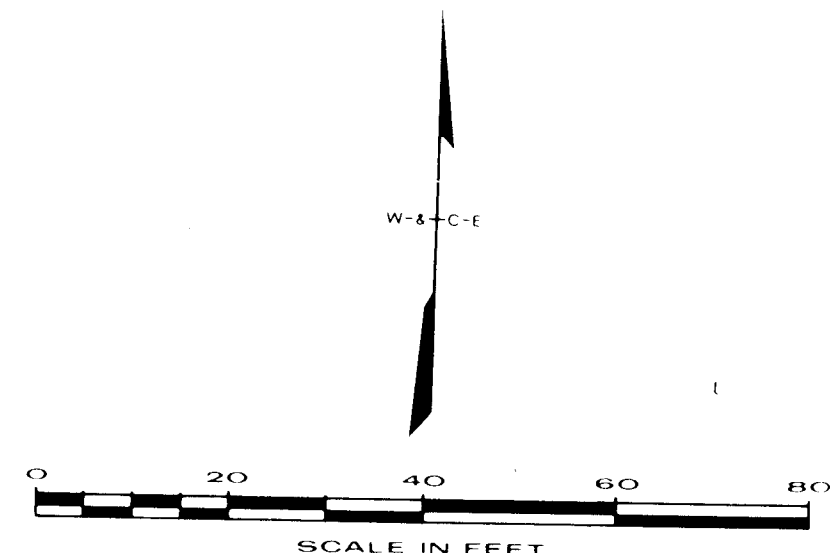


CITY OF ALBUQUERQUE TRANSPORTATION DEPARTMENT					
MENAU BLVD. & WYOMING BLVD. NE CONCRETE INTERSECTION					
MENAU BLVD. NE CURB & GUTTER PLAN & PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Traffic		
Liquid Waste			Water		
A.C.E. - Design					
A.C.E. - Hydrology					
RECORD DRAWING 21 June, 1985			1672 SHEET 3 OF 14		

BENCH MARKS					
A STANDARD ACS BRASS TABLET, STAMPED "2-H20", SET IN TOP OF A CONCRETE POST FLUSH WITH THE TOP OF CURB AT THE ENE CURB RETURN. ELEV. = 5390.057					
AS BUILT INFORMATION					
CONTRACTOR	DATE	INSPECTOR'S	DATE	VERIFICATION	DATE
WILSON & COMPANY		BY		BY	
REFERENCES					
NAP NO. H-19 & H-20					
REVISIONS					
NO.	DATE	REMARKS	BY	DATE	REMARKS
DESIGNED BY: WILSON & CO. VER. DATE: 1983					
DRAWN BY: RAG & NDU DATE: 1983					
CHECKED BY: VER DATE: MAY 1983					



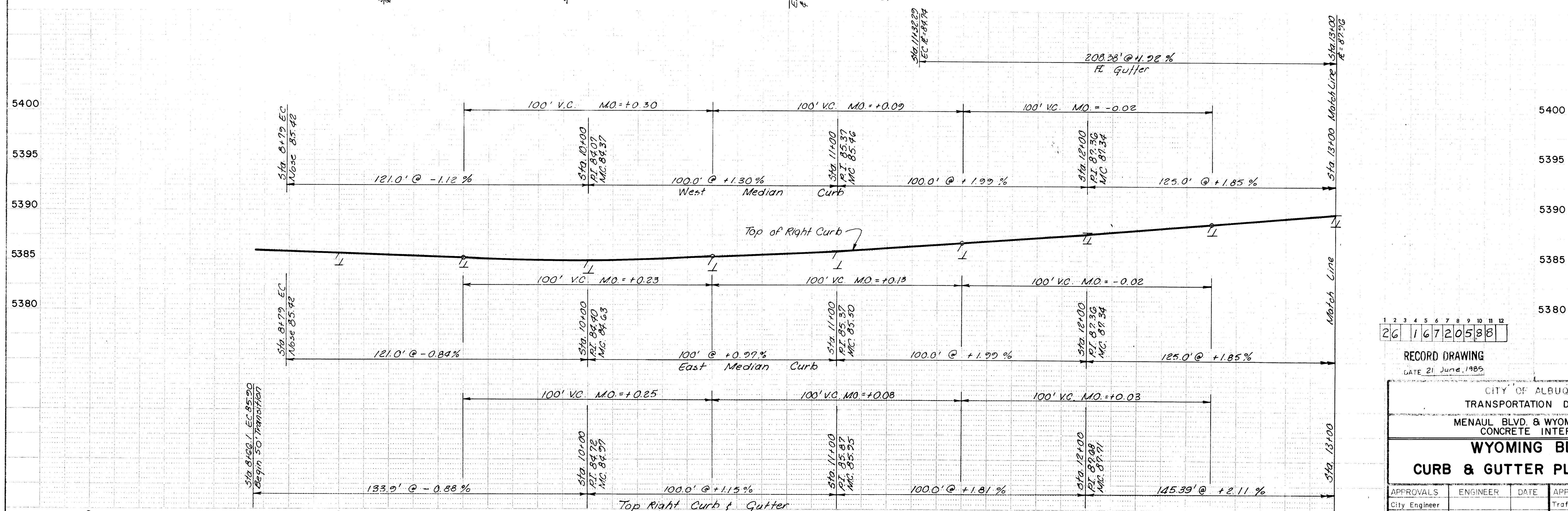
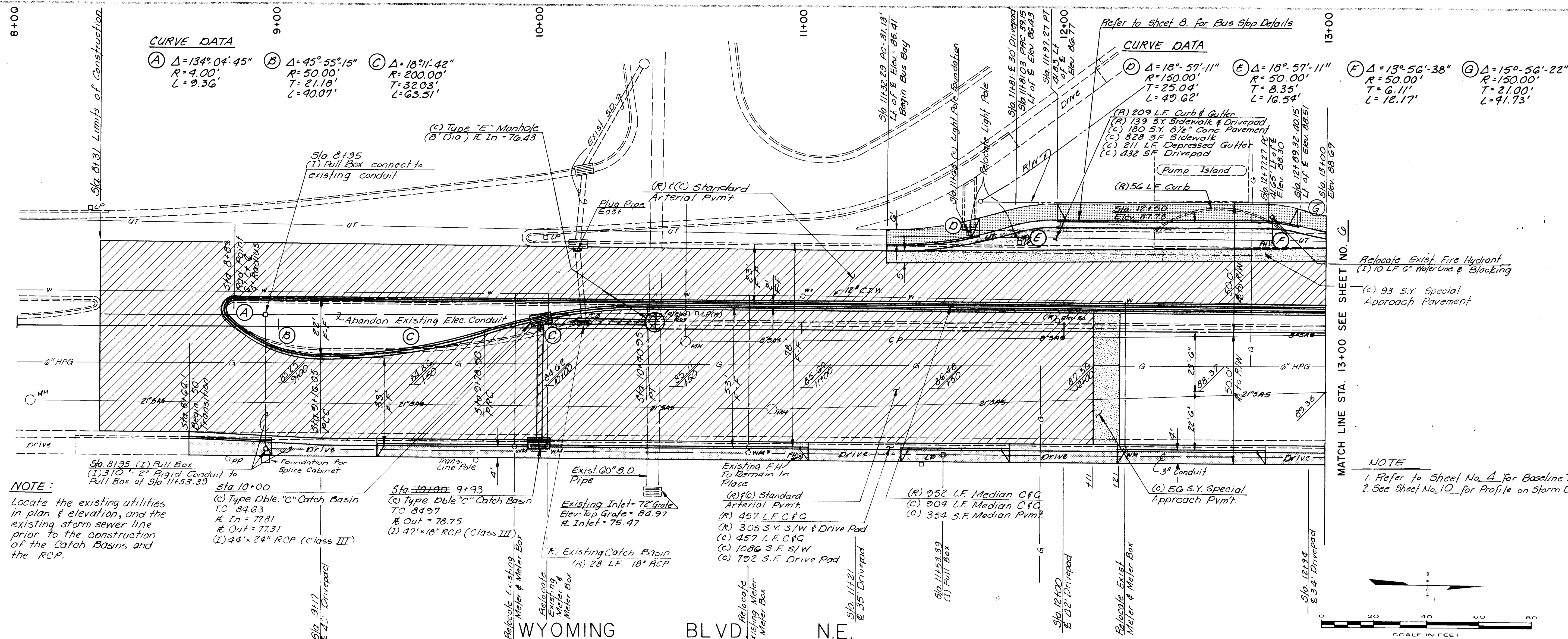
- TIES:
1. Menaul Blvd. Sta. 10+00 to Sta. 14+00 each station is referenced 46' Lt. & 46' Rt. of center line with a shiner or punch mark.
 2. Menaul Blvd. Sta. 16+00 to Sta. 20+00 each station is referenced 46' Lt. & 46' Rt. of center line with a P.K. nail on Rt., a 60 CC nail on Lt. or a punch mark.
 3. Wyoming Blvd. Sta. 9+00 to Sta. 13+00 each station is referenced 34' Lt. & 46' Rt. of center line with a shiner or punch mark.
 4. Wyoming Blvd. Sta. 15+00 to Sta. 19+00 each station is referenced 46' Lt. & 46' Rt. of center line with a shiner or punch mark.



AS BUILT INFORMATION				BENCH MARKS				REFERENCES			
CONTRACTOR	WORKING BY	INSPECTOR'S	DATE	A STANDARD ACS BRASS TABLET, STAMPED "2-H20" SET IN TOP OF A CONCRETE POST FLUSH WITH THE TOP OF CURB AT THE ENE CURB RETURN. ELEV. = 5390.057	MAP NO. H-19 & H-20	REVISIONS	DESIGN	DESIGNED BY: WILSON & CO., INC.	DATE: 1983	DRAWN BY: RAG & MOLI	DATE: 1983
VERIFICATION BY	DATE	NO.	DATE								
RECORDED BY	DATE	NO.	DATE								
NO.	DATE	NO.	DATE								

CITY OF ALBUQUERQUE TRANSPORTATION DEPARTMENT					
MENAU BLVD. & WYOMING BLVD. NE CONCRETE INTERSECTION					
MENAU BLVD. NE					
CURB & GUTTER PLAN & PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Traffic		
Liquid Waste			Water		
A.C.E. - Design					
A.C.E. - Hydrology					

RECORD DRAWING
DATE: 21 June, 1985



RECORD DRAWING
DATE 21 June 1985

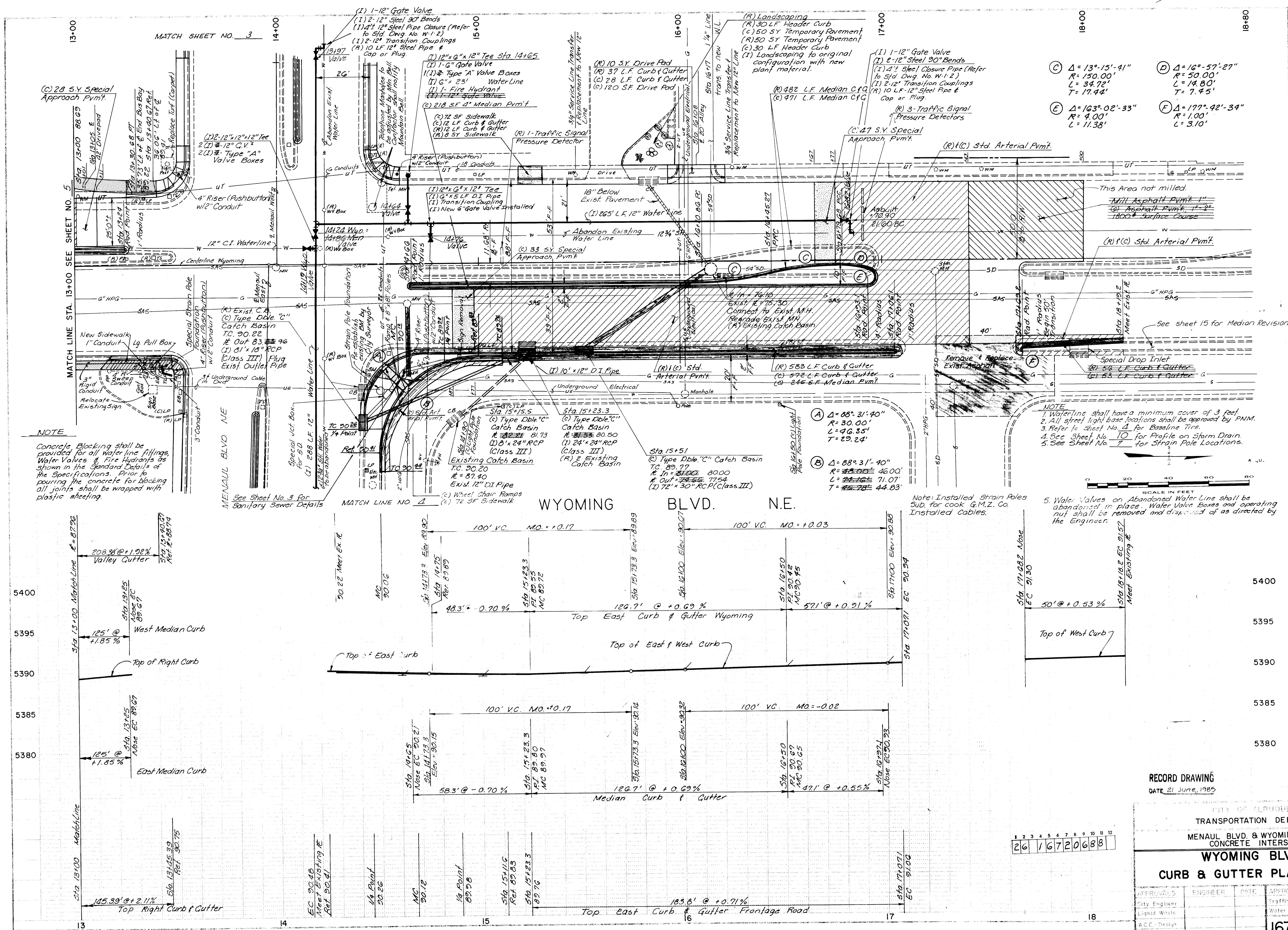
CITY OF ALBUQUERQUE
TRANSPORTATION DEPARTMENT
MENAU BLVD. & WYOMING BLVD. NE
CONCRETE INTERSECTION

WYOMING BLVD. NE
CURB & GUTTER PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Traffic		
Liquid Waste			Water		
A.C.E. - Design					
A.C.E. - Hydrology					

1672 SHEET **5** OF **14**

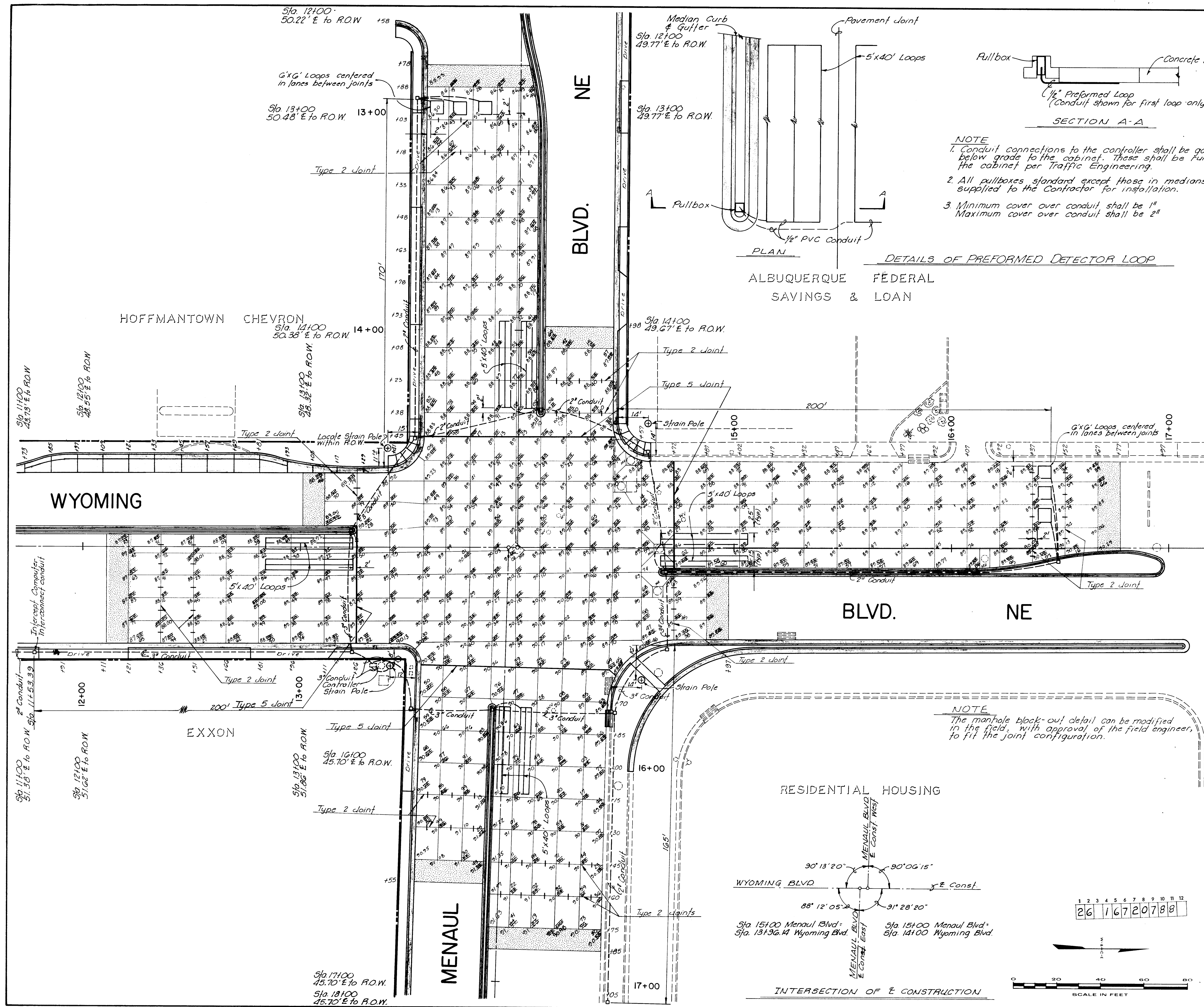
WILSON COMPANY



A STANDARD ACS BRASS TABLET, STAMPED "2-H20", SET IN TOP OF A CONCRETE POST FLUSH WITH THE TOP OF CURB AT THE ENE CURB RETURN. ELEV. = 5390.057

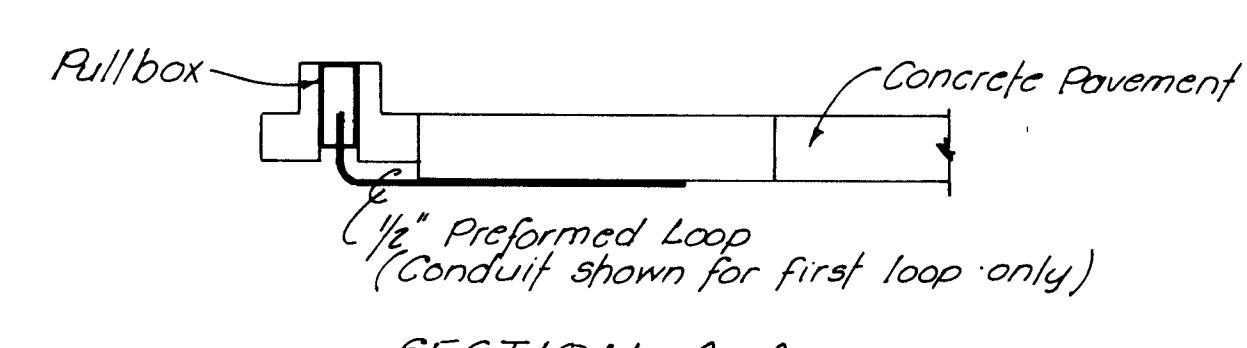
H-19 & H-20

4	Doest Rev Change Order No. 4	APR 5
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NOTE
1. Conduit connections to the controller shall be galvanized steel from below grade to the cabinet. These shall be run into the sides of the cabinet per Traffic Engineering.
2. All pullboxes standard except those in medians. These will be supplied to the Contractor for installation.
3. Minimum cover over conduit shall be 1"
Maximum cover over conduit shall be 2"

DETAILS OF PREFORMED DETECTOR LOOP



AS BUILT INFORMATION			
CONTRACTOR	DATE	BY	DATE
WORK	DATE	BY	DATE
INSPECTION	DATE	BY	DATE
VERIFICATION	DATE	BY	DATE
MICRO-FILM INFORMATION			
NO.	DATE	BY	DATE

REFERENCES	
MAP NO. H-19 & H-20	

REVISIONS	
NO.	DATE
1	1993
2	1993
3	1993
4	1993
5	1993
6	1993
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99	1993
100	1993

RECORD DRAWING
DATE 21 June 1995

CITY OF ALBUQUERQUE
TRANSPORTATION DEPARTMENT
MENAUL BLVD. & WYOMING BLVD. NE
CONCRETE INTERSECTION

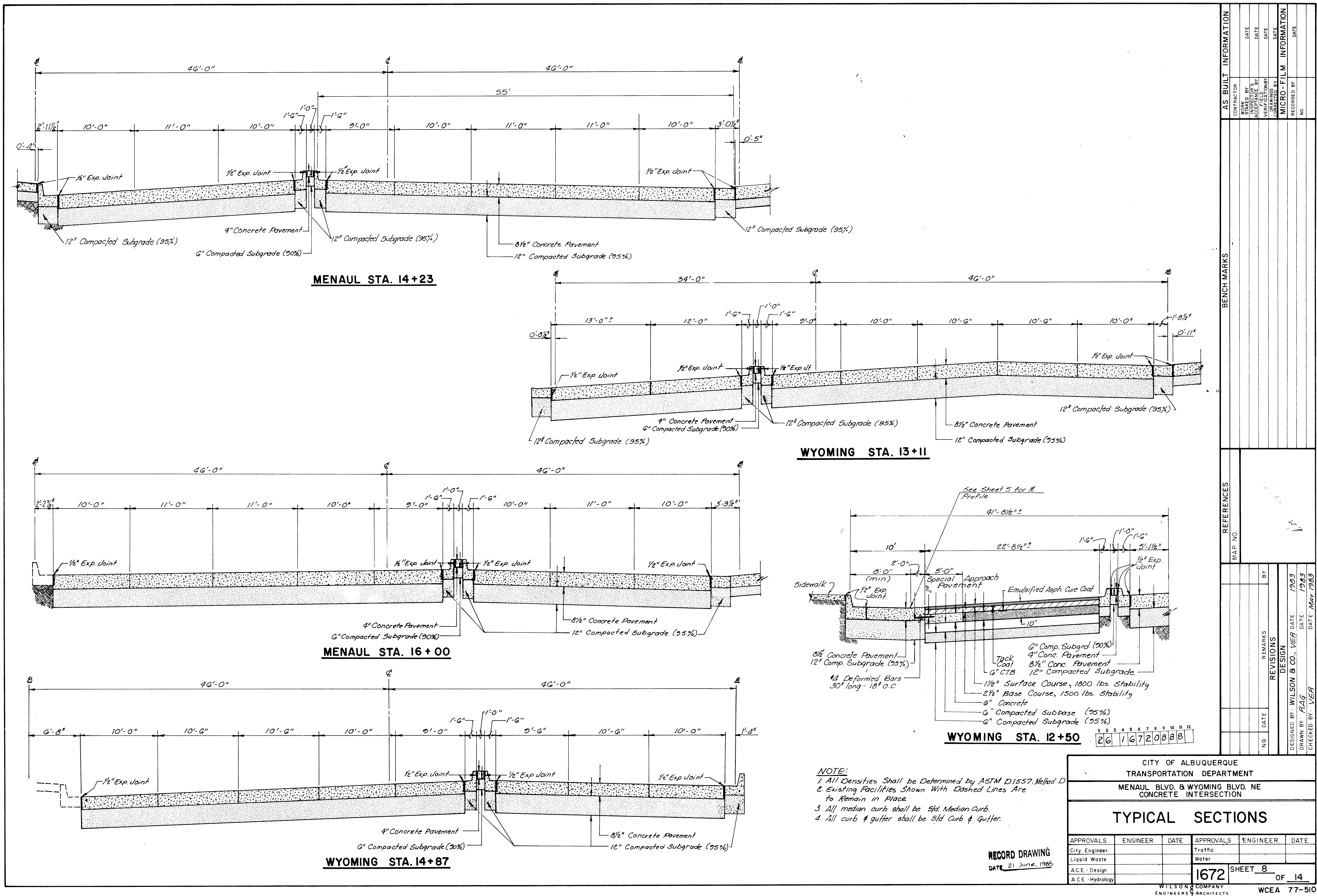
JOINT LAYOUT

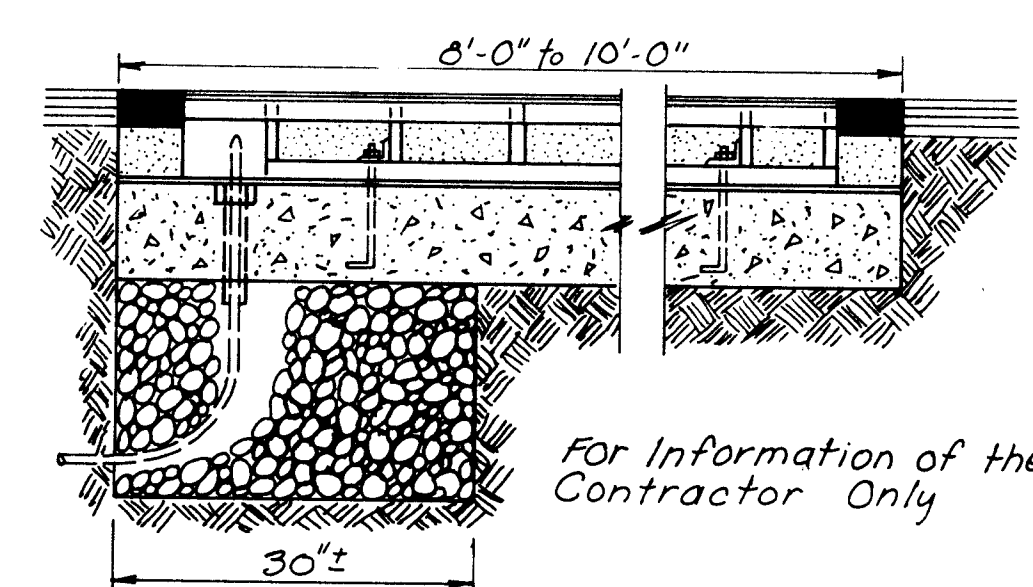
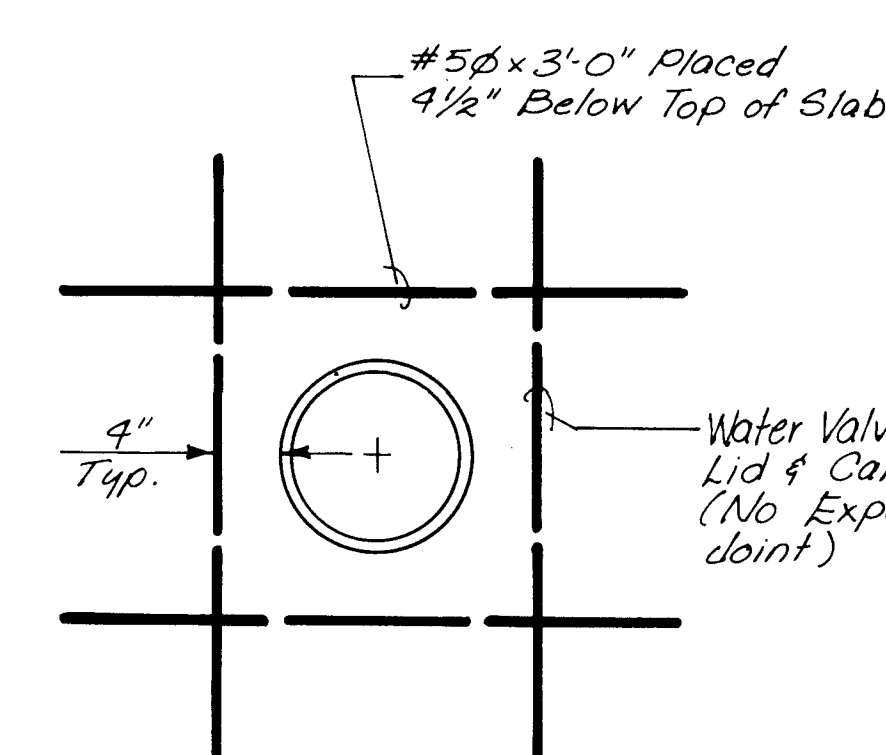
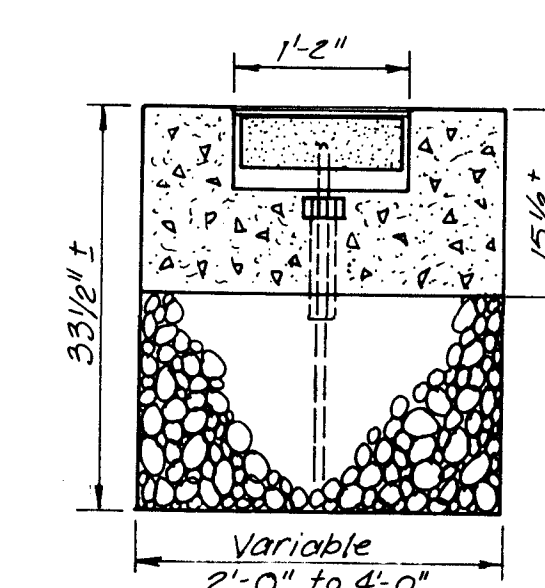
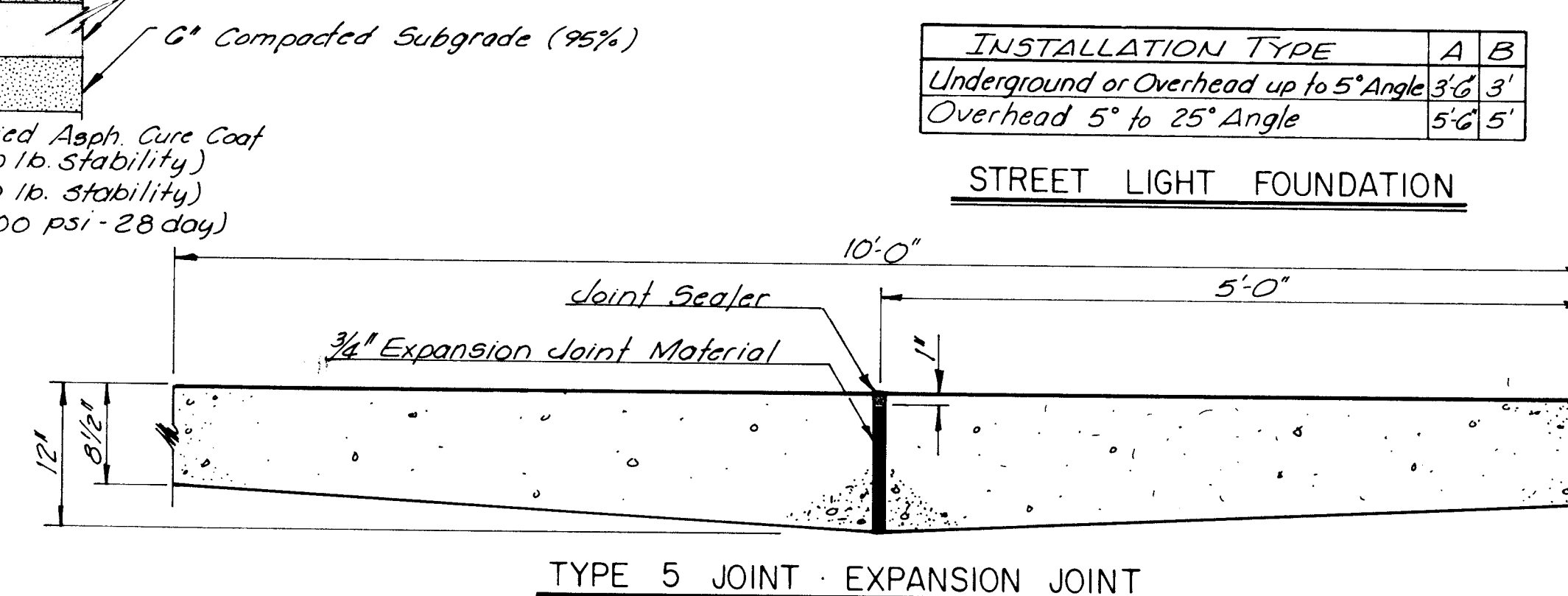
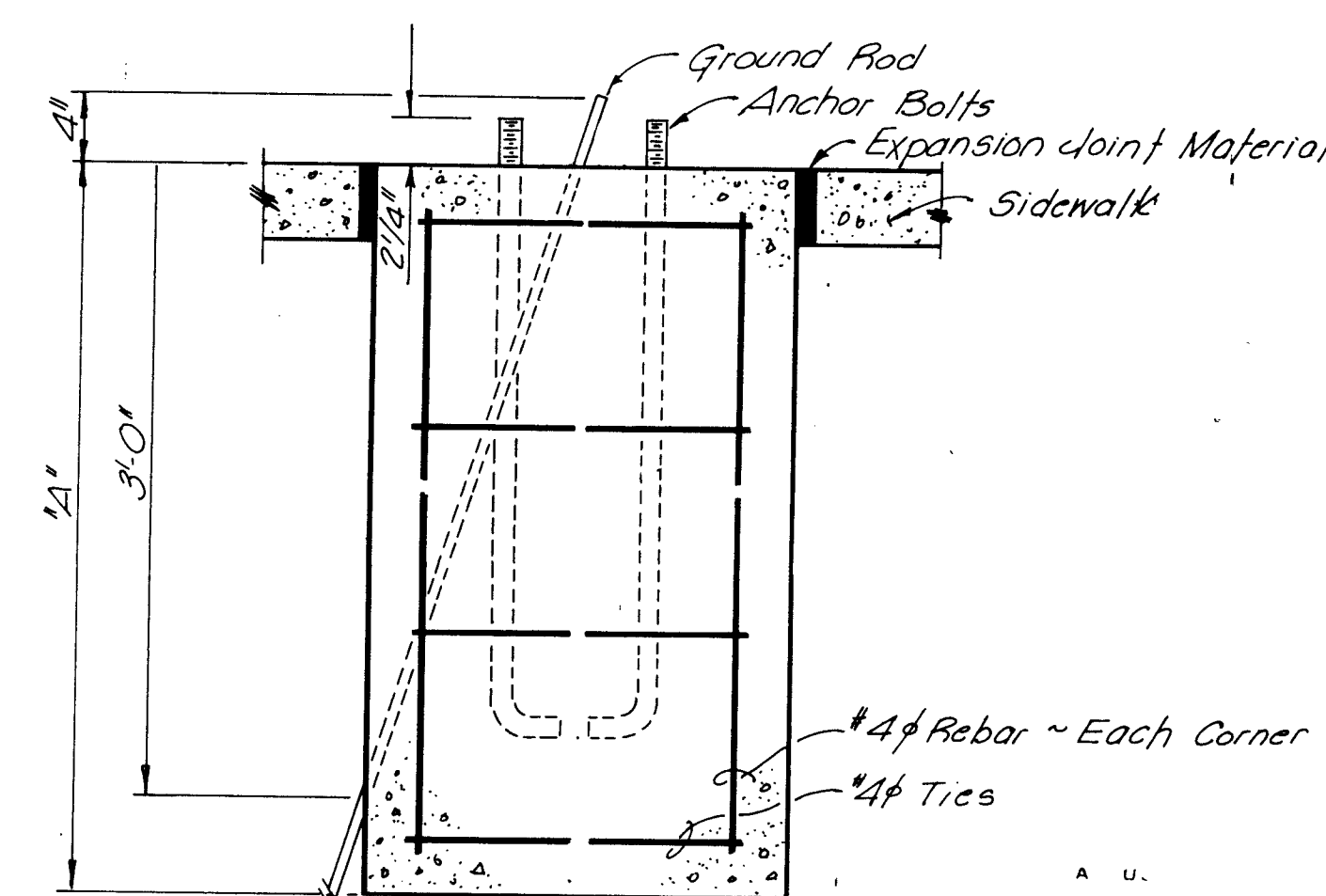
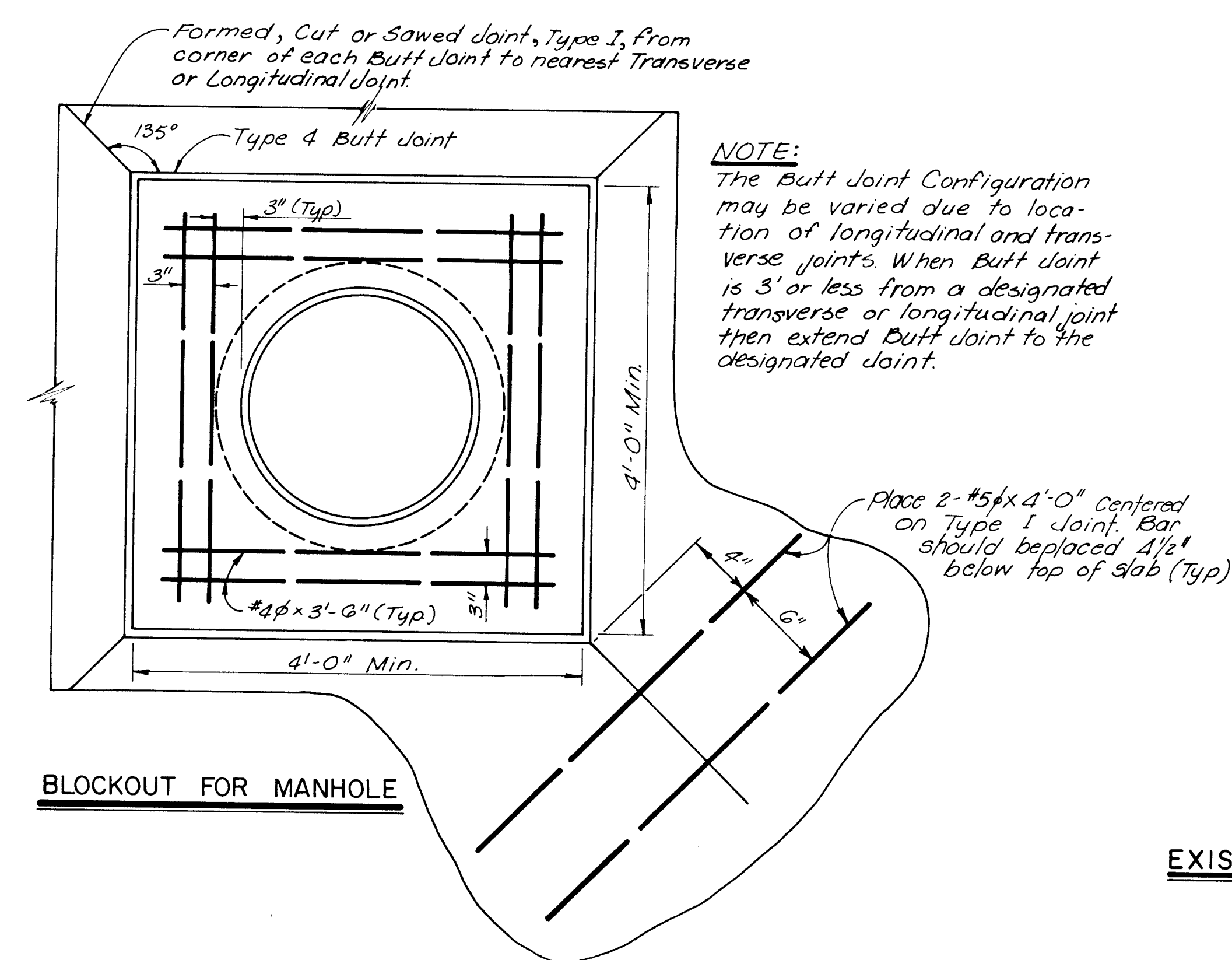
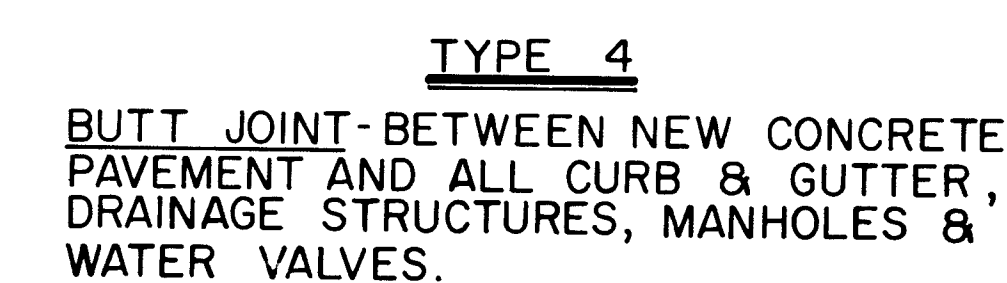
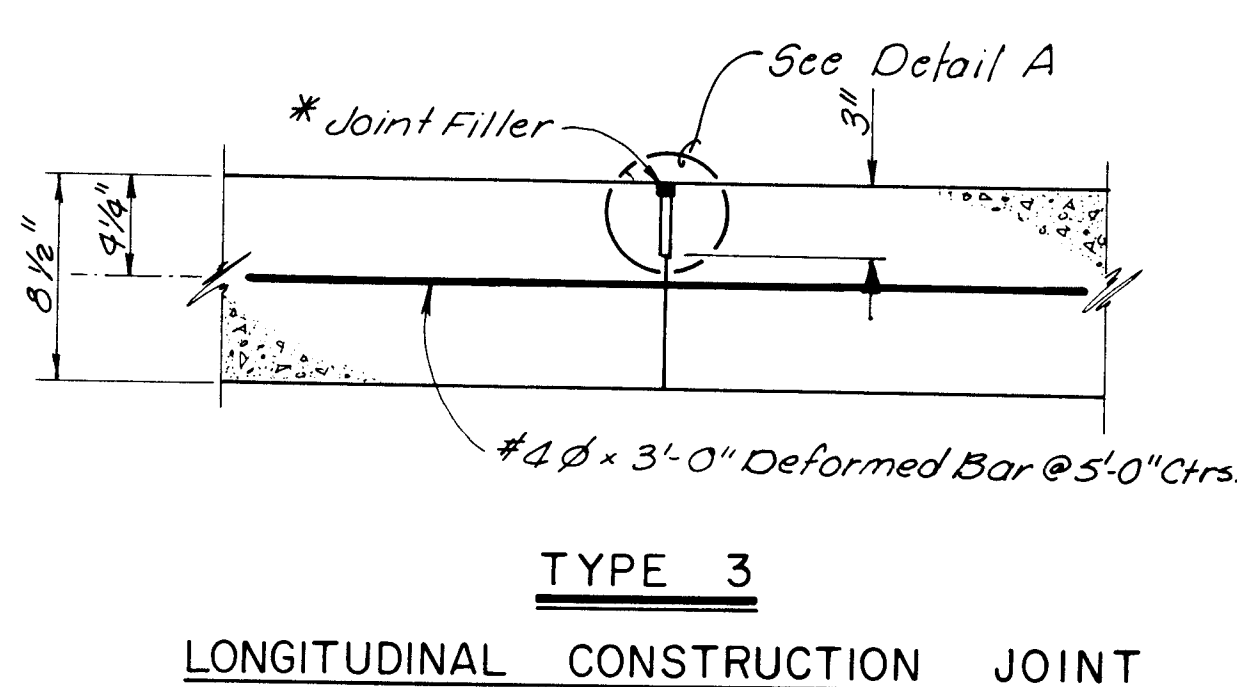
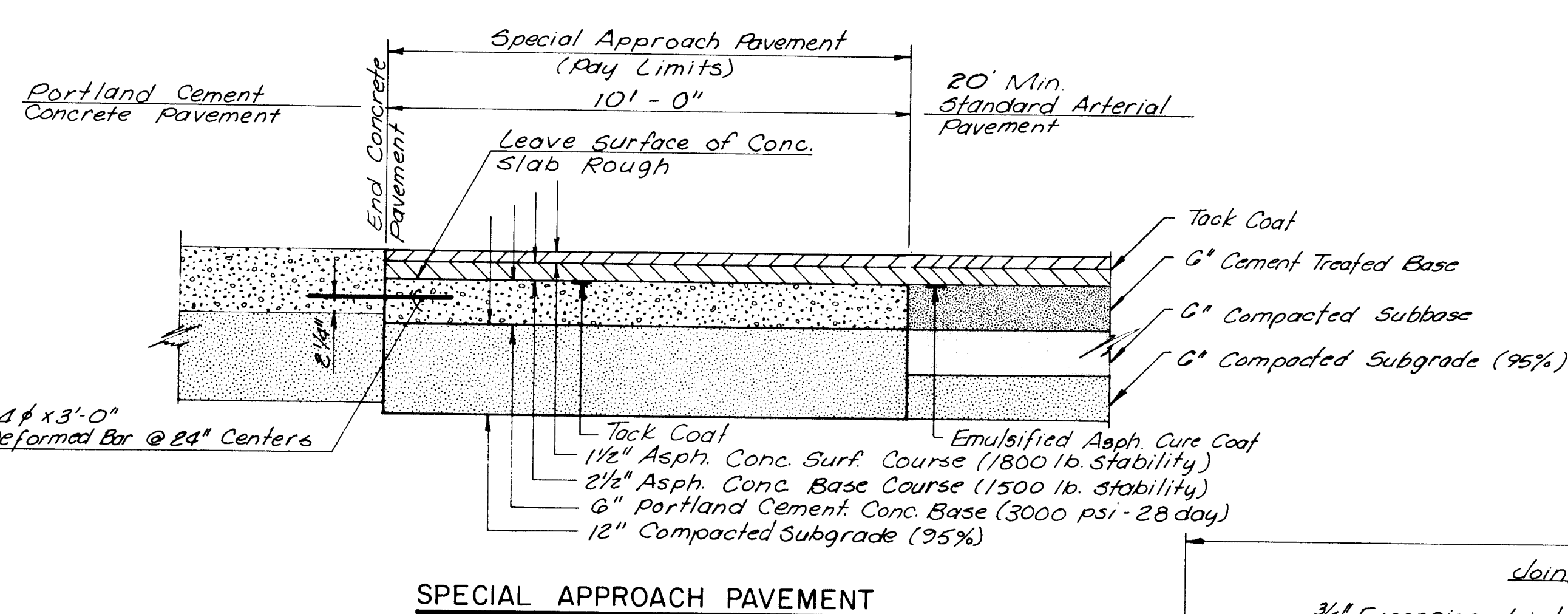
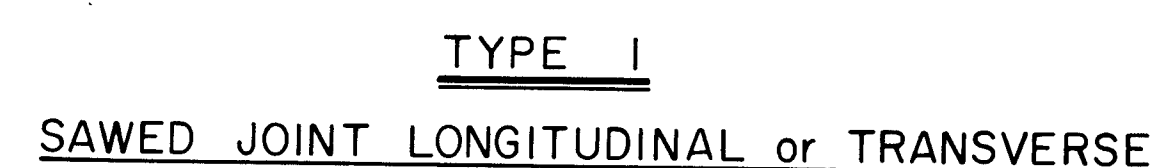
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Traffic		
Liquid Waste			Water		
ACE-Design					
ACE-Hydrology					

WILSON & COMPANY
ENGINEERS & ARCHITECTS

1672 SHEET 7 OF 14

WCEA 77-510





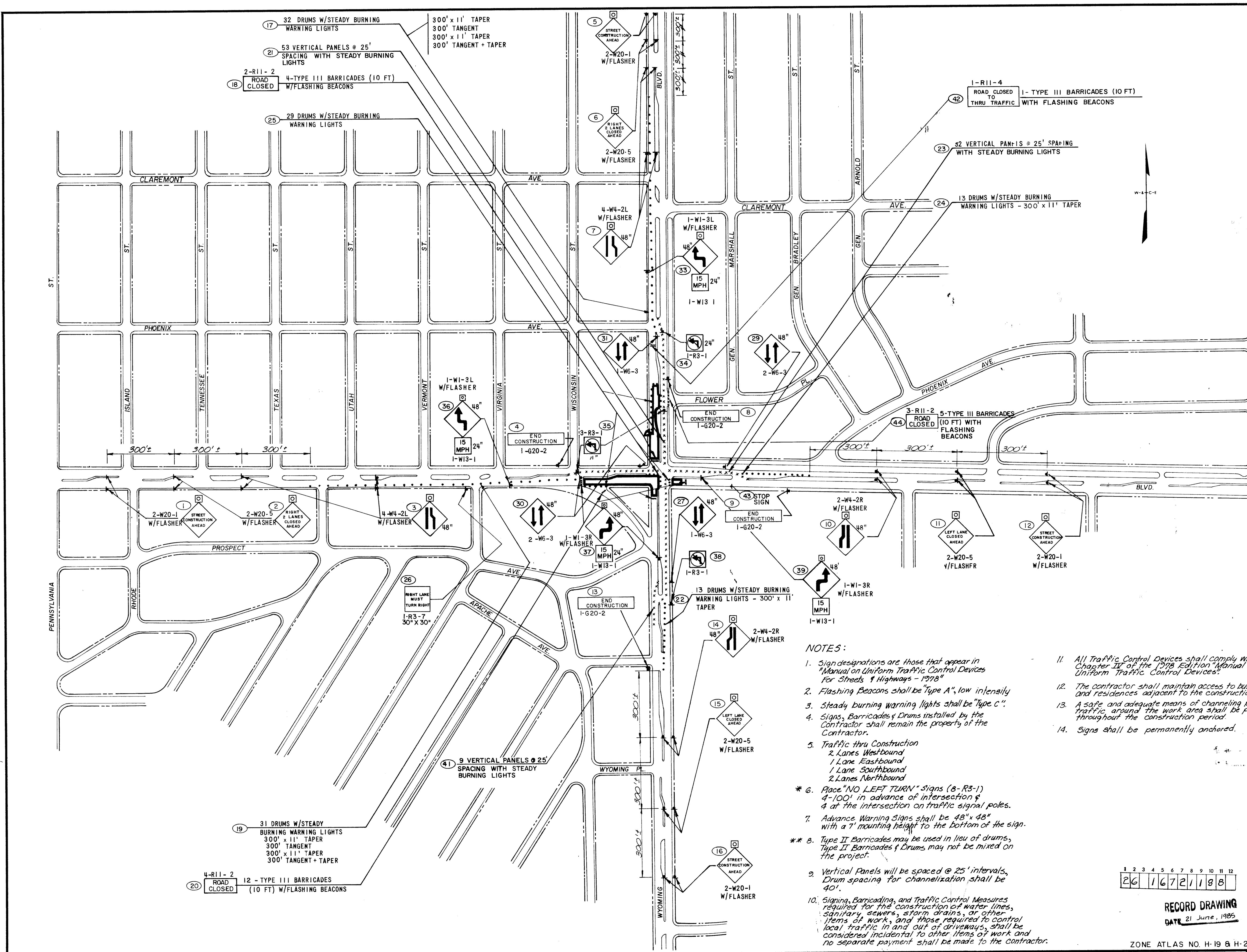
INSTALLATION TYPE	A	B
Underground or Overhead up to 5° Angle	3'6"	3'
Overhead 5° to 25° Angle	5'6"	5'

2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET 9 OF 14		2 SHEET	
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CITY OF ALBUQUERQUE					
TRANSPORTATION DEPARTMENT					
MENAUL BLVD. & WYOMING BLVD. NE CONCRETE INTERSECTION					
MISC. DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Traffic		
Liquid Waste			Water		
A.C.E. - Design			1672	SHEET 9	OF 14
A.C.E. - Hydrology			WILSON COMPANY ENGINEERS & ARCHITECTS ALBUQUERQUE, N.M.		
			WCEA 77-51		

Plan view of a proposed road layout. The main road has a 16' RCP @ 2.00% grade and a 24' RCP @ 2.00% grade. The side roads are 10' RCP @ 3.14% grade and 10' RCP @ 3.14% grade. The layout includes a 24' x 34' box culvert, a 24' x 34' box culvert, and a 24' x 34' box culvert. The layout is labeled with stationing and curve data.

<u>SCALE</u> 1" = 2' Vert. 1" = 20' Horiz.										REFERENCES MAP NO.	
										5390	
										5388	
										5386	
										5384	
										5382	
										5380	
										5378	
RECORD DRAWING DATE <u>21 June 1983</u>											
CITY OF ALBUQUERQUE TRANSPORTATION DEPARTMENT											
MENAUL BLVD. & WYOMING BLVD. NE CONCRETE INTERSECTION											
WYOMING BLVD. NE STORM DRAIN PROFILE											
APPROVALS		ENGINEER		DATE		APPROVALS		ENGINEER		DATE	
City: Engineer						Traffic					
Liquid Waste						Water					
A.C.E. - Design											
A.C.E. - Hydrology											
1672						SHEET <u>10</u>		OF <u>14</u>			
WILSON COMPANY ENGINEERS ARCHITECTS											
								WCEA 77-510			



NOTES:

1. Sign designations are those that appear in Manual on Uniform Traffic Control Devices for Streets & Highways - 1978.
2. Flashing Beacons shall be Type A, low intensity.
3. Steady burning warning lights shall be Type C.
4. Signs, Barricades & Drums installed by the Contractor shall remain the property of the Contractor.
5. Traffic thru Construction:
2 Lanes Westbound
1 Lane Eastbound
1 Lane Southbound
2 Lanes Northbound
- * 6. Place "NO LEFT TURN" Signs (R-3-1) 4'-100' in advance of intersection & 4' at the intersection on traffic signal poles.
7. Advance Warning Signs shall be 48" x 48" with a 7" mounting height to the bottom of the sign.
- ** 8. Type II Barricades may be used in lieu of drums, Type II Barricades & Drums may not be mixed on the project.
9. Vertical Panels will be spaced @ 25' intervals, Drum spacing for channelization shall be 40'.
10. Signage, Barricading, and Traffic Control Measures required for the construction of water lines, sanitary sewers, storm drains, or other items of work, and those required to control local traffic in and out of driveways, shall be considered incidental to other items of work and no separate payment shall be made to the Contractor.
11. All Traffic Control Devices shall comply with Chapter II of the 1978 Edition Manual on Uniform Traffic Control Devices.
12. The contractor shall maintain access to businesses and residences adjacent to the construction area.
13. A safe and adequate means of channeling pedestrian traffic around the work area shall be provided throughout the construction period.
14. Signs shall be permanently ordered.

1 2 3 4 5 6 7 8 9 10 11 12
26 16 7 2 1 8 8

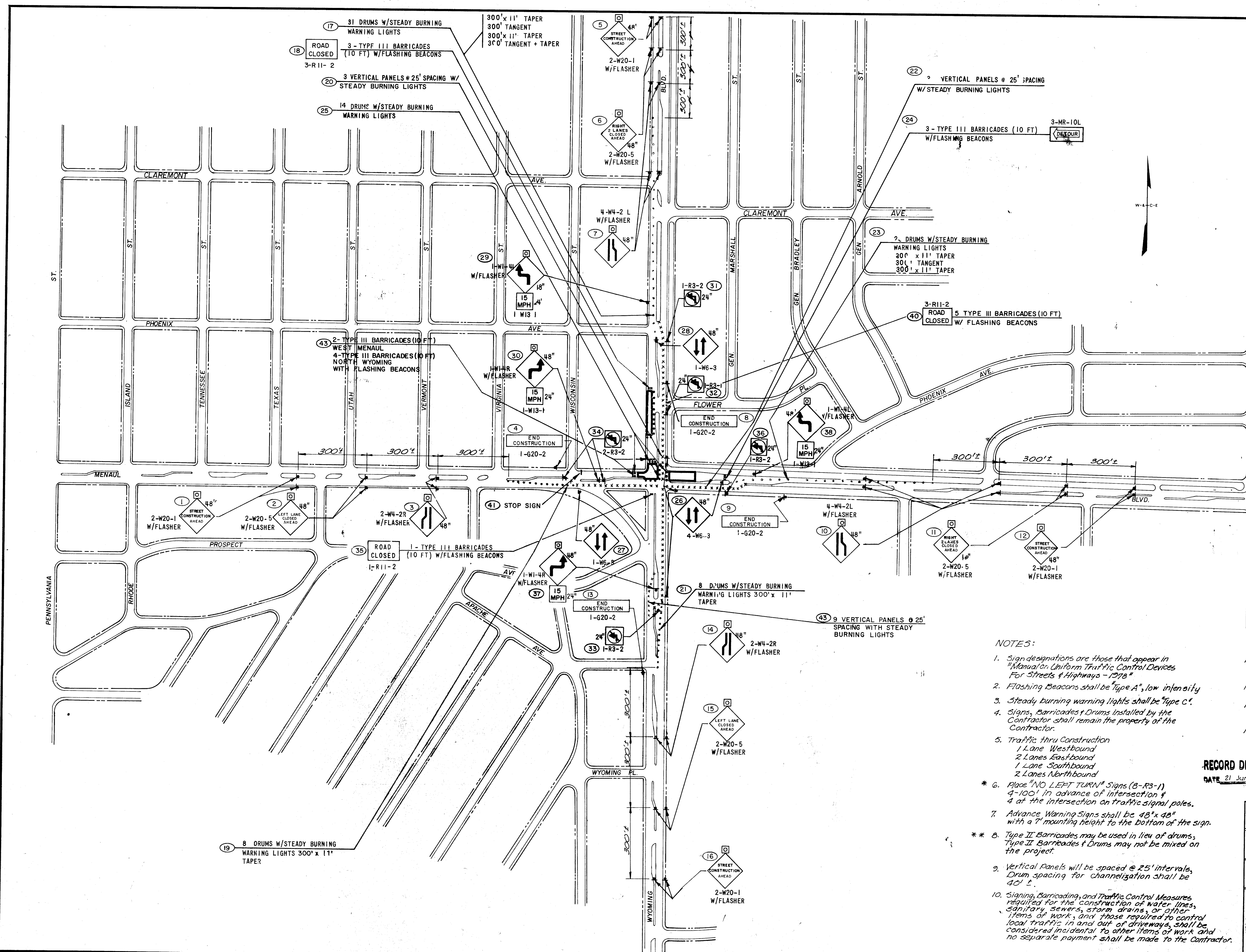
RECORD DRAWING
DATE 21 June, 1985

ZONE ATLAS NO. H-19 & H-20

LOCATION	SO. FT. SIGNS	APPROX. NO. POSTS REQD.	NO. VERTICAL PANELS	NO. DRUMS	NO. STEADY BURN. LITS.	NO. FLASHING BEACONS	NO. TYPE II BARRICADES
1	32	4	-	-	-	2	-
2	32	4	-	-	-	2	-
3	64	8	-	-	-	4	-
4	10	2	-	-	-	-	-
5	32	4	-	-	-	2	-
6	32	4	-	-	-	2	-
7	64	8	-	-	-	4	-
8	10	2	-	-	-	-	-
9	10	2	-	-	-	-	-
10	32	4	-	-	-	2	-
11	32	4	-	-	-	2	-
12	32	4	-	-	-	2	-
13	10	2	-	-	-	-	-
14	32	4	-	-	-	2	-
15	32	4	-	-	-	2	-
16	32	4	-	-	-	2	-
17	-	-	-	32	32	-	-
18	20	-	-	-	-	8	4
19	-	-	-	31	31	-	-
20	120	-	-	-	-	24	12
21	-	-	53	-	53	-	-
22	-	-	9	9	-	-	-
23	-	-	35	-	35	-	-
24	-	-	9	9	-	-	-
25	-	-	-	29	29	-	-
26	6	1	-	-	-	-	-
27	16	2	-	-	-	-	-
28	-	-	-	-	-	-	-
29	32	4	-	-	-	-	-
30	32	4	-	-	-	-	-
31	16	2	-	-	-	-	-
32	32	-	-	-	-	-	-
33	20	2	-	-	-	1	-
34	4	1	-	-	-	-	-
35	12	3	-	-	-	-	-
36	20	2	-	-	-	1	-
37	20	2	-	-	-	1	-
38	4	1	-	-	-	-	-
39	20	2	-	-	-	1	-
40	32	4	-	-	-	-	-
41	-	-	9	9	-	-	-
42	10	-	-	-	-	2	1
43	7	1	-	-	-	-	-
44	30	10	-	-	-	10	5
TOTAL	961	105	97	110	207	74	22

SCALE IN FEET
0 200 400 600 800

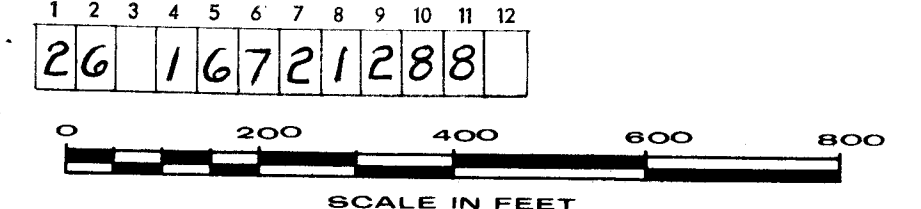
ALBUQUERQUE, NEW MEXICO CONCRETE INTERSECTIONS		DATE: JULY 1981
MENAUL & WYOMING NE SIGNING PHASE I		FILE NO. 77-510
DESIGN RFS	DRAWN MDJ/SAP	SHEET NO. 11 OF 14
WILSON & COMPANY ENGINEERS ARCHITECTS ALBUQUERQUE, NEW MEXICO		



- NOTES:
1. Sign designations are those that appear in Manual on Uniform Traffic Control Devices For Streets & Highways - 1976.
 2. Flashing Beacons shall be Type A, low intensity.
 3. Steady burning warning lights shall be Type C.
 4. Signs, Barriers & Drums installed by the Contractor shall remain the property of the Contractor.
 5. Traffic thru Construction:
1 Lane Westbound
2 Lanes Eastbound
1 Lane Southbound
2 Lanes Northbound
 6. Place "NO LEFT TURN" Signs (R-3-1) 4-100' in advance of intersection & 4' at the intersection on traffic signal poles.
 7. Advance Warning Signs shall be 48" x 48" with a 7" mounting height to the bottom of the sign.
 8. Type II Barriers may be used in lieu of drums, Type II Barriers & Drums may not be mixed on the project.
 9. Vertical Panels will be spaced @ 25' intervals, Drum spacing for channelization shall be 40'.
 10. Signage, Barricading, and Traffic Control Measures required for the construction of water lines, sanitary, sewers, storm drains, or other items of work, and those required to control local traffic in and out of driveways, shall be considered incidental to other items of work and no separate payment shall be made to the Contractor.

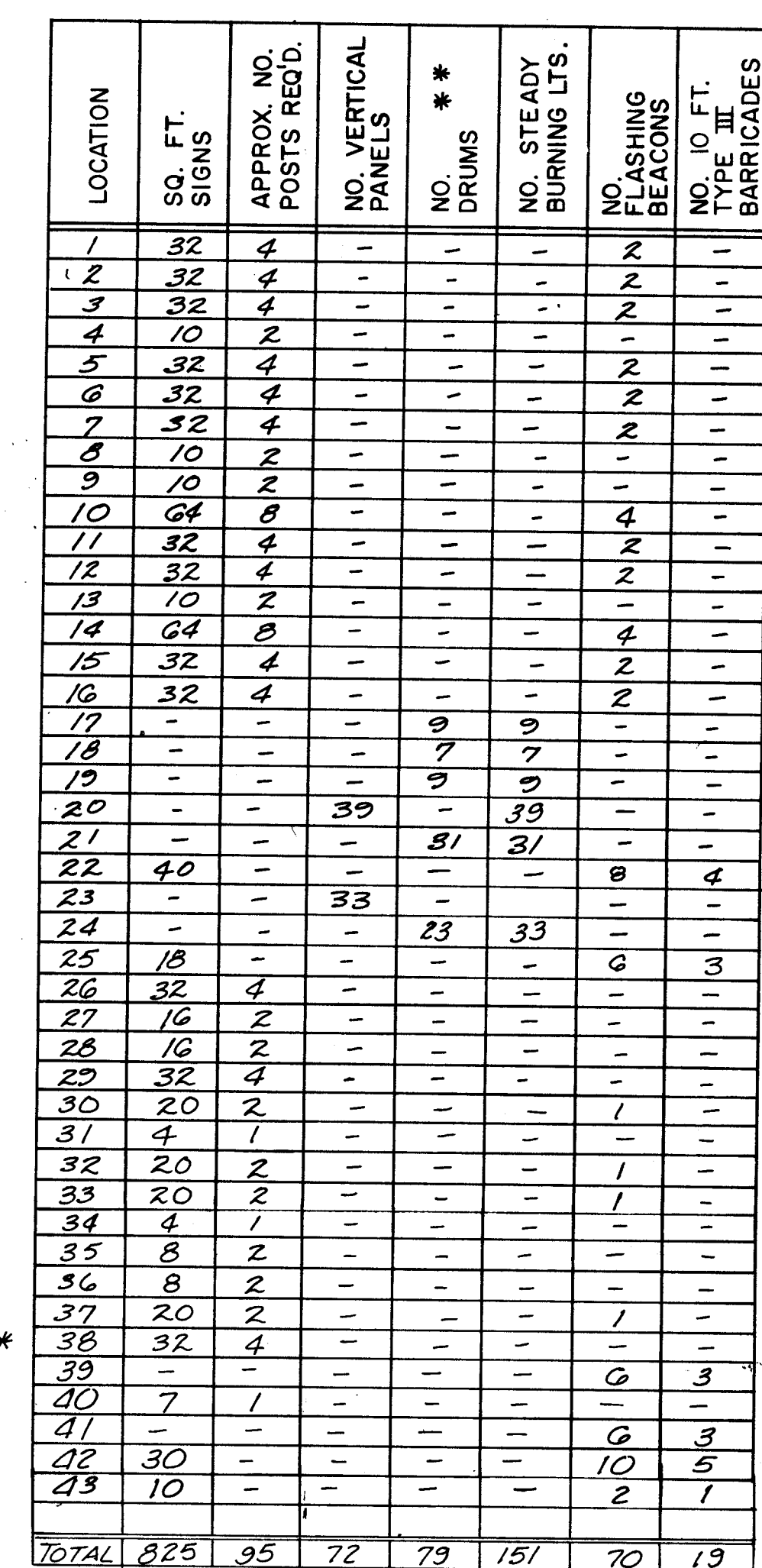
LOCATION	NO. OF SIGNS	APPROX. NO. POSTS REQD.	NO. VERTICAL PANELS	NO. DRUMS	NO. STEADY BURN. L.S.	NO. FLASHING BEACONS	NO. 10 FT. TYPE III BARRICADES
1	32	4	-	-	-	2	-
2	32	4	-	-	-	2	-
3	32	4	-	-	-	2	-
4	10	2	-	-	-	2	-
5	32	4	-	-	-	2	-
6	32	4	-	-	-	2	-
7	32	4	-	-	-	2	-
8	10	2	-	-	-	2	-
9	10	2	-	-	-	2	-
10	32	4	-	-	-	2	-
11	32	4	-	-	-	2	-
12	32	4	-	-	-	2	-
13	10	2	-	-	-	2	-
14	32	4	-	-	-	2	-
15	32	4	-	-	-	2	-
16	32	4	-	-	-	2	-
17	-	-	-	31	31	-	-
18	30	-	-	8	8	6	3
19	-	-	53	-	53	-	-
20	-	-	8	8	-	-	-
21	-	-	53	33	-	-	-
22	-	-	23	23	-	-	-
23	18	-	14	14	-	-	-
24	64	8	-	-	-	-	-
25	10	2	-	-	-	-	-
26	10	2	-	-	-	-	-
27	20	2	-	-	-	-	-
28	20	2	-	-	-	-	-
29	4	1	-	-	-	-	-
30	4	1	-	-	-	-	-
31	4	1	-	-	-	-	-
32	4	1	-	-	-	-	-
33	4	1	-	-	-	-	-
34	10	2	-	-	-	-	-
35	4	1	-	-	-	-	-
36	4	1	-	-	-	-	-
37	20	2	-	-	-	-	-
38	20	2	-	-	-	-	-
39	32	4	-	-	-	-	-
40	30	-	-	-	-	10	5
41	7	1	-	-	-	-	-
42	-	-	-	-	-	12	6
43	-	-	-	-	-	9	-
TOTAL	751	91	95	84	179	63	18

RECORD DRAWING
DATE 21 June 1985



ALBUQUERQUE, NEW MEXICO	
CONCRETE INTERSECTIONS	
MENAU & WYOMING NE	
SIGNING PHASE II	
DESIGN RFS	DRAWN MDJ/SAP
WILSON & COMPANY ENGINEERS ARCHITECTS ALBUQUERQUE, NEW MEXICO	
DATE: JULY 1981	FILE NO. 77-510
SHEET NO. 12 OF 14	

CITY ZONE ATLAS NO. H-19 & H-20



1. Sign designations are those that appear in "Manual on Uniform Traffic Control Devices For Streets & Highways - 1974".
2. Flashing Signs shall be Type A's, low intensity.
3. Steady burning warning lights shall be Type C's.
4. Signs, Banneroles & Drums installed by the Contractor shall remain the property of the Contractor.
5. Traffic thru Construction
 - 1 Lane Westbound
 - 2 Lanes Eastbound
 - 1 Lane Southbound
 - 1 Lane Northbound
- * 6. MINIMUM CLEARANCE (S-43-1)
 - 4'-100' in advance of intersection
 - 4' at the intersection on traffic signal poles.
7. Advance Warning Signs shall be 48" x 48" with a mounting height to the bottom of the sign.
- * 8. Type II Banneroles may be used in lieu of drums, Type II Banneroles & Drums may not be mixed on the project.
9. Vertical Panels will be spaced @ 25' intervals, Drum spacing for channelization shall be 50'.
10. Signage, Banneroles, and Traffic Control Measures required for the construction of water lines, sewer lines, sewer force mains, or other items of work, and these signs, or other items of traffic in and out of driveway, shall be considered incidental to other items of work and no separate payment shall be made to the Contractor.

1	2	3	4	5	6	7	8	9	10	11	12
26			16	7	2	1	3	8	8		

SCALE IN FEET

MENAU & WYOMING NE
SIGNING PHASE III

RFS	MDJ/SA
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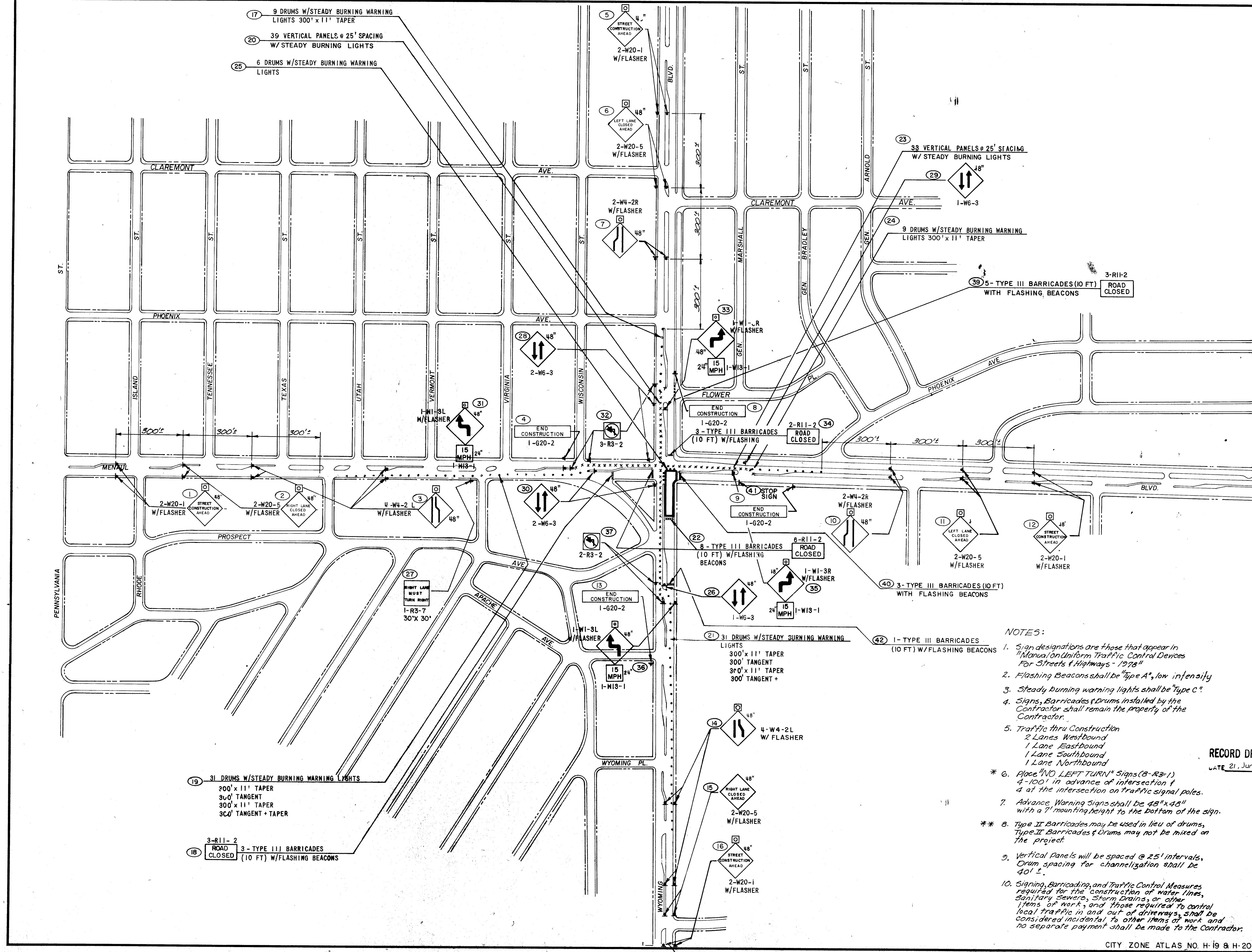
ALBUQUERQUE, NEW MEXICO

JULY 1981

77-510

SHEET NO. 13

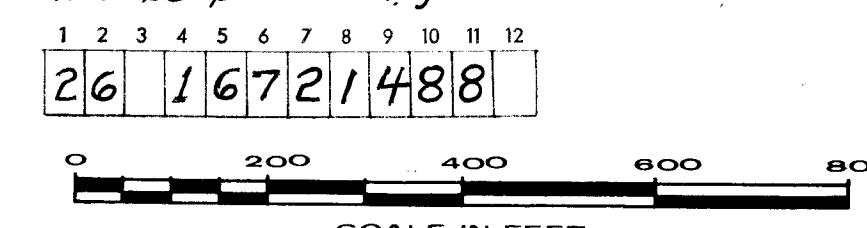
1672



NOTES:

1. Sign designations are those that appear in "Manual on Uniform Traffic Control Devices for Streets & Highways - 1988"
2. Flashing Beacons shall be "Type A", low intensity
3. Steady burning warning lights shall be "Type C"
4. Signs, Barricades & Drums installed by the Contractor shall remain the property of the Contractor.
5. Traffic flow: Construction
2 Lanes Westbound
1 Lane Eastbound
1 Lane Southbound
1 Lane Northbound
6. Place TWO LEFT TURN" Signs (R-3-1)
4-100' in advance of intersection &
4 at the intersection on Traffic signal poles.
7. Advance Warning Signs shall be 48"x48"
with a 7' mounting height to the bottom of the sign.
8. Type II Barricades may be used in lieu of drums.
Type II Barricades & Drums may not be mixed on
the project.
9. Vertical Panels will be spaced @ 25' intervals.
Drum spacing for channelization shall be
40' ±.
10. Signing, Barricades and Traffic Control Measures
required for the construction of water lines,
Sanitary Sewers, Storm Drains, or other
items of work, and those required to control
local traffic in and out of driveways, shall be
considered incidental to other items of work and
no separate payment shall be made to the Contractor.

RECORD DRAWING
DATE: 21 June, 1985



LOCATION	NO. OF SIGNS	APPROX. NO. POSTS REQD.	NO. VERTICAL PANELS	# DRUMS	NO. STEADY BURNING LITS.	NO. FLASHING BEACONS	NO. 10 FT. BARRICADES
1	32	4	-	-	-	-	-
2	32	4	-	-	-	-	-
3	64	8	-	-	-	-	-
4	10	2	-	-	-	-	-
5	32	4	-	-	-	-	-
6	32	4	-	-	-	-	-
7	32	4	-	-	-	-	-
8	10	2	-	-	-	-	-
9	10	2	-	-	-	-	-
10	32	4	-	-	-	-	-
11	32	4	-	-	-	-	-
12	32	4	-	-	-	-	-
13	10	2	-	-	-	-	-
14	32	4	-	-	-	-	-
15	32	4	-	-	-	-	-
16	32	4	-	-	-	-	-
17	-	-	-	8	9	-	-
18	30	-	-	-	-	6	-
19	-	-	30	31	39	-	-
20	-	-	-	-	-	-	-
21	-	-	31	31	-	-	-
22	60	-	-	-	-	16	8
23	-	-	83	-	38	-	-
24	-	-	-	3	2	-	-
25	-	-	-	0	0	-	-
26	16	2	-	-	-	-	-
27	8	1	-	-	-	-	-
28	32	4	-	-	-	-	-
29	16	2	-	-	-	-	-
30	32	4	-	-	-	-	-
31	20	2	-	-	-	-	-
32	12	3	-	-	-	-	-
33	20	2	-	-	-	1	-
34	20	2	-	-	-	6	3
35	20	2	-	-	-	1	-
36	20	2	-	-	-	-	-
37	8	2	-	-	-	-	-
38	32	4	-	-	-	-	-
39	30	-	-	-	-	0	5
40	-	-	-	-	-	0	5
41	7	1	-	-	-	2	1
42	-	-	-	-	-	2	1
TOTAL 837 91 72 82 158 76 23							

ALBUQUERQUE, NEW MEXICO CONCRETE INTERSECTIONS	
MENAU & WYOMING NE SIGNING PHASE IV	
DESIGN RFS	DRAWN MDJ/SAP
WILSON & COMPANY ENGINEERS ARCHITECTS ALBUQUERQUE, NEW MEXICO	
DATE: JULY 1981	FILE NO. 77-51Q
SHEET NO. 14 OF 14	

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