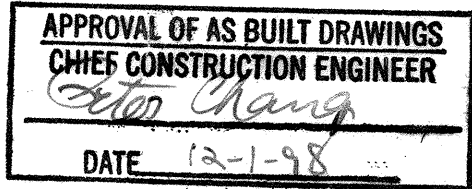


CONSTRUCTION PLANS  
FOR  
STADIUM BOULEVARD  
STORM DRAIN  
(PHASE II)\*

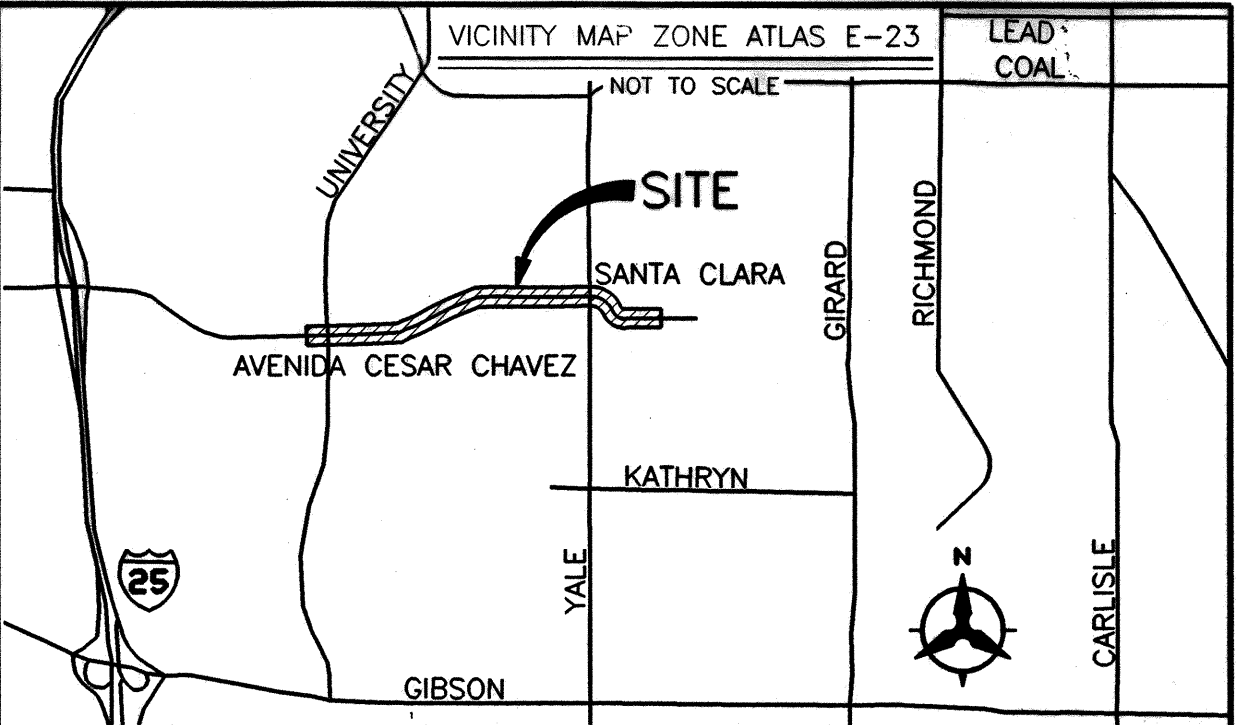
ALBUQUERQUE, NEW MEXICO

INDEX

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	LAYOUT PLAN, GENERAL NOTES, AND LEGEND
3-5 5A	STADIUM BLVD. STORM DRAIN (PHASE II) PLAN & PROFILE BUENA VISTA DRIVE PLAN AND PROFILE <b>A</b>
6	SANTA CLARA DR. STORM DRAIN PLAN & PROFILE
7	DETAILS
8-9	REMOVAL AND REPLACEMENT
10-22B	TRAFFIC CONTROL PLANS



I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Condore Construction, Inc.  
*Craig W. Hoover* 12/1/98  
Craig W. Hoover NMPE 11848



- NOTICE TO CONTRACTORS
- 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 CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AND SHALL INCLUDE UPDATE No. 6.
  - TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
  - PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS SURFACE OR UNDERGROUND. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
  - FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY CONSTRUCTION COORDINATOR (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. CONTRACTOR SHALL NOTIFY CONSTRUCTION COORDINATOR AT LEAST TEN DAYS IN ADVANCE FOR PLANNED CLOSURES OF UNIVERSITY BLVD. OR AVENIDA CESAR CHAVEZ. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
  - ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
  - CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THE PROJECT LIMITS NOT SHOWN ON THE PLANS THAT IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT DESIGNER'S EXPENSE.
  - ANY WORK OCCURRING WITHIN AN ARTERIAL ROADWAY REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
  - CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKSITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED
- ☐ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
  - ☐ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
  - ☐ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
  - ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
  - ☐ IF CURB IS DEPRESSURED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
  - ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
  - ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

\*THIS PROJECT WAS NAMED PRIOR TO THE STREET NAME CHANGE.  
STADIUM BOULEVARD IS NOW KNOWN AS AVENIDA CESAR CHAVEZ.

Bohannon & Huston

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Albuquerque  
NEW MEXICO 87109

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REV.	SHEETS	ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
1	15A	Billings	4-17-98	K. Hall	4-14-98	City Engineer	4-17-98
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	Billings	1-29-98	APPROVED FOR CONSTRUCTION <i>R. B. P. Hall</i> City Engineer 1/29/98		
		Transportation	Billings	1-22-98			
		Water/Wastewater	Billings	1/6/98			
		Hydrology	Billings	1/6/98			
		CIP	Billings	1-28-98			
		Const. Mngmt.	Billings	1-28-98			
		Const. Coord.	Billings	1-15-98			
CITY PROJECT NO.		4495.91		SHEET		1	OF 22











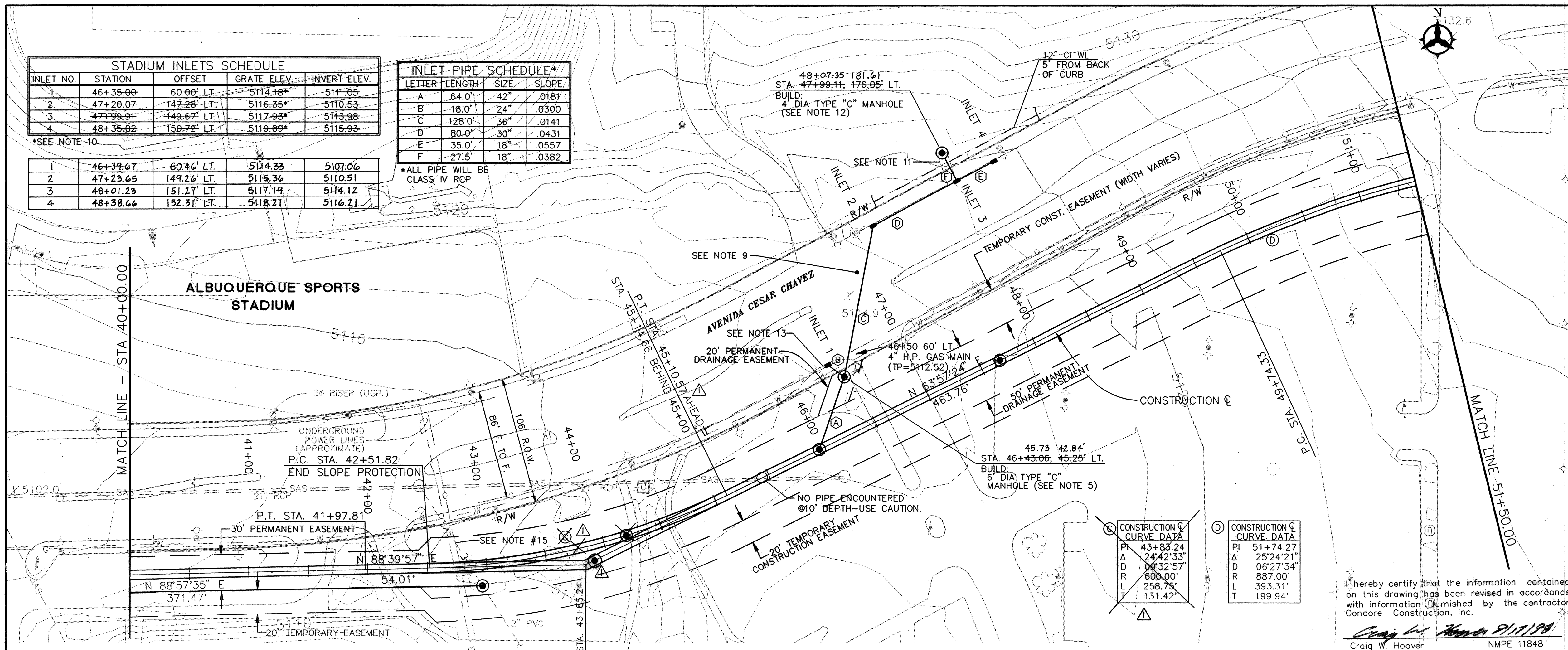
STADIUM INLETS SCHEDULE				
INLET NO.	STATION	OFFSET	GRATE ELEV.	INVERT ELEV.
1	46+35.99	60.00' LT.	5114.18*	5111.05
2	47+28.97	147.28' LT.	5116.35*	5110.53
3	47+99.91	149.67' LT.	5117.93*	5113.96
4	48+35.92	150.72' LT.	5119.09*	5115.93

\*SEE NOTE 10

1	46+39.67	60.44' LT.	5114.33	5107.06
2	47+23.65	149.24' LT.	5115.36	5110.51
3	48+01.23	151.27' LT.	5117.19	5114.12
4	48+38.66	152.31' LT.	5118.21	5116.21

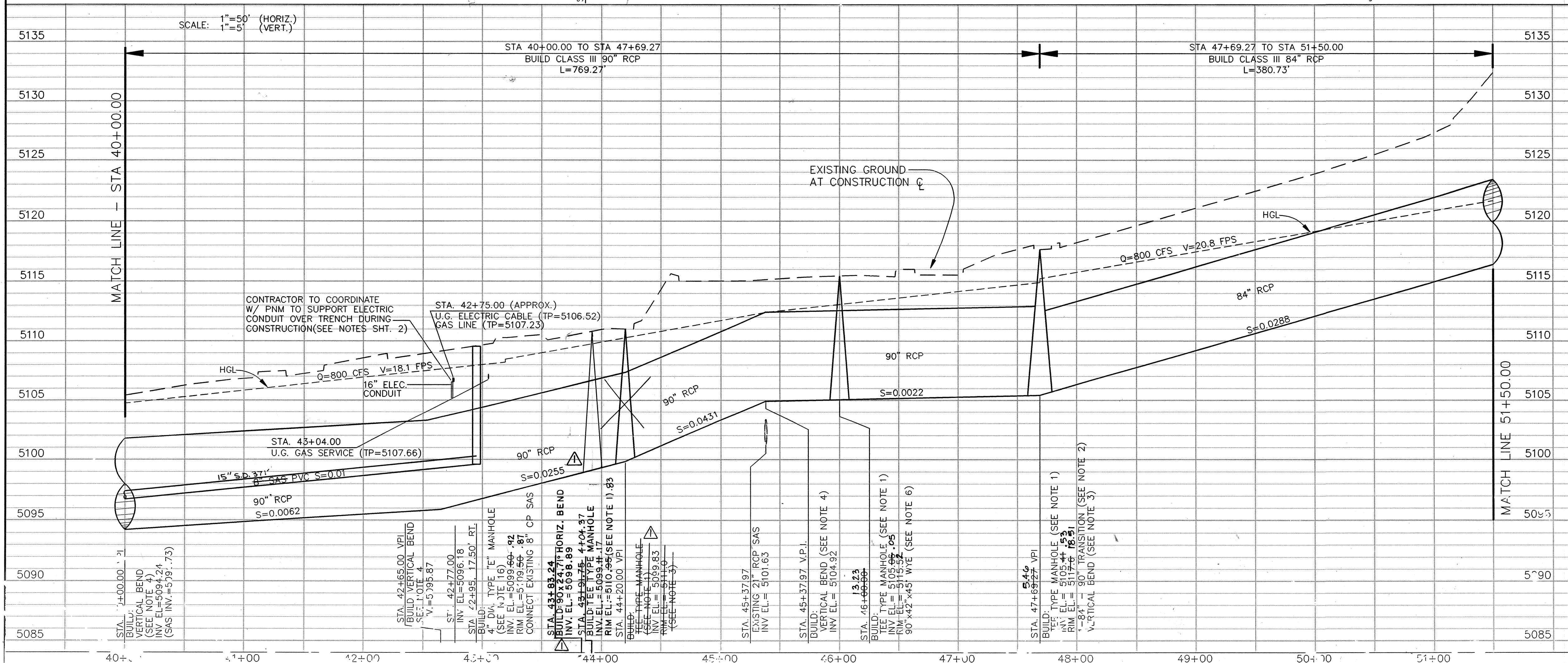
INLET PIPE SCHEDULE**			
LETTER	LENGTH	SIZE	SLOPE
A	64.0'	42"	.0181
B	18.0'	24"	.0300
C	128.0'	36"	.0141
D	80.0'	30"	.0431
E	35.0'	18"	.0557
F	27.5'	18"	.0382

\*\*ALL PIPE WILL BE CLASS IV RCP

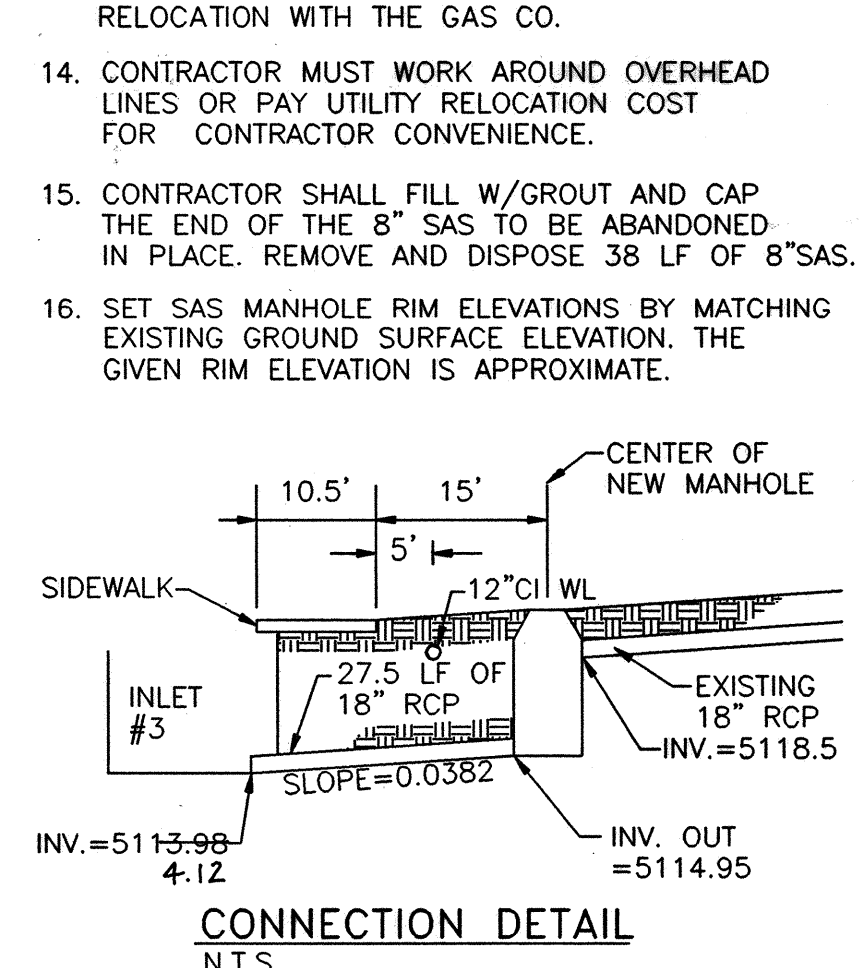


Whereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Condore Construction, Inc.

*Craig W. Hoover* NMPE 11848



- ### NOTES
- SET MANHOLE RIM ELEVATION BY MATCHING EXISTING GROUND SURFACE ELEVATION. THE GIVEN RIM ELEVATION IS APPROXIMATE. THE MANHOLE RISER AND COVER WILL BE BUILT ACCORDING TO COA STANDARDS AND SPECIFICATIONS DRAWING 2101. THE COST OF THESE ITEMS WILL BE INCIDENTAL TO THE COST OF THE "T" TYPE MANHOLE.
  - TRANSITION TO BE LOCATED IMMEDIATELY UPSTREAM (EAST) OF THE MANHOLE. SEE TRANSITION DETAIL SHEET 7.
  - VERTICAL BEND IS LOCATED IMMEDIATELY DOWNSTREAM (WEST) OF THE MANHOLE. CONTRACTOR WILL USE STRAIGHT DEFLECTED PIPE TO ACCOMPLISH BEND.
  - CONTRACTOR WILL USE STRAIGHT DEFLECTED PIPE TO ACCOMPLISH BEND.
  - INV. EL. = 5108.77 (NE) 05.71  
INV. EL. = 5106.60 (N)  
INV. EL. = 5106.68 (SW)  
RIM EL. = 5115.99 .71
  - WYE IS TO BE LOCATED IN THE PIPE SECTION IMMEDIATELY UPSTREAM OF THE MANHOLE.
  - THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
  - ANY DAMAGE TO EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) OUTSIDE LIMITS OF REMOVAL (SHEET 9 & 10) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
  - SEE SHEET 8 FOR PAVEMENT REMOVAL LIMITS AND TYPICAL ARTERIAL PAVEMENT SECTION.
  - SET GRATE ELEVATION BY MATCHING EXISTING PAVEMENT ELEVATION. THE GIVEN GRATE ELEVATION IS APPROXIMATE.
  - REMOVE AND DISPOSE OF CONCRETE PAD RUNDOWN. REMOVE SIDEWALK CULVERTS AND REPLACE WITH CONCRETE SIDEWALK. REMOVAL OF SIDEWALK CULVERTS IS INCIDENTAL TO THE COST OF THE PROJECT.
  - BUILD MH AROUND EXISTING 18" RCP PIPE  
INV. EL. = 5115.03 19.77  
RIM EL. = 5122.50 23.01  
GRADE AROUND MH RIM TO MATCH EXISTING GROUND. (GRADING IS INCIDENTAL TO THE COST OF THE NEW MH). SEE CONNECTION DETAIL THIS SHEET.
  - GAS LINE TO BE RELOCATED. (AT GAS CO. CONTRACTOR SHALL COORDINATE EXPENSE) RELOCATION WITH THE GAS CO.
  - CONTRACTOR MUST WORK AROUND OVERHEAD LINES OR PAY UTILITY RELOCATION COST FOR CONTRACTOR CONVENIENCE.
  - CONTRACTOR SHALL FILL W/GROUT AND CAP THE END OF THE 8" SAS TO BE ABANDONED IN PLACE. REMOVE AND DISPOSE 38 LF OF 8"SAS.
  - SET SAS MANHOLE RIM ELEVATIONS BY MATCHING EXISTING GROUND SURFACE ELEVATION. THE GIVEN RIM ELEVATION IS APPROXIMATE.



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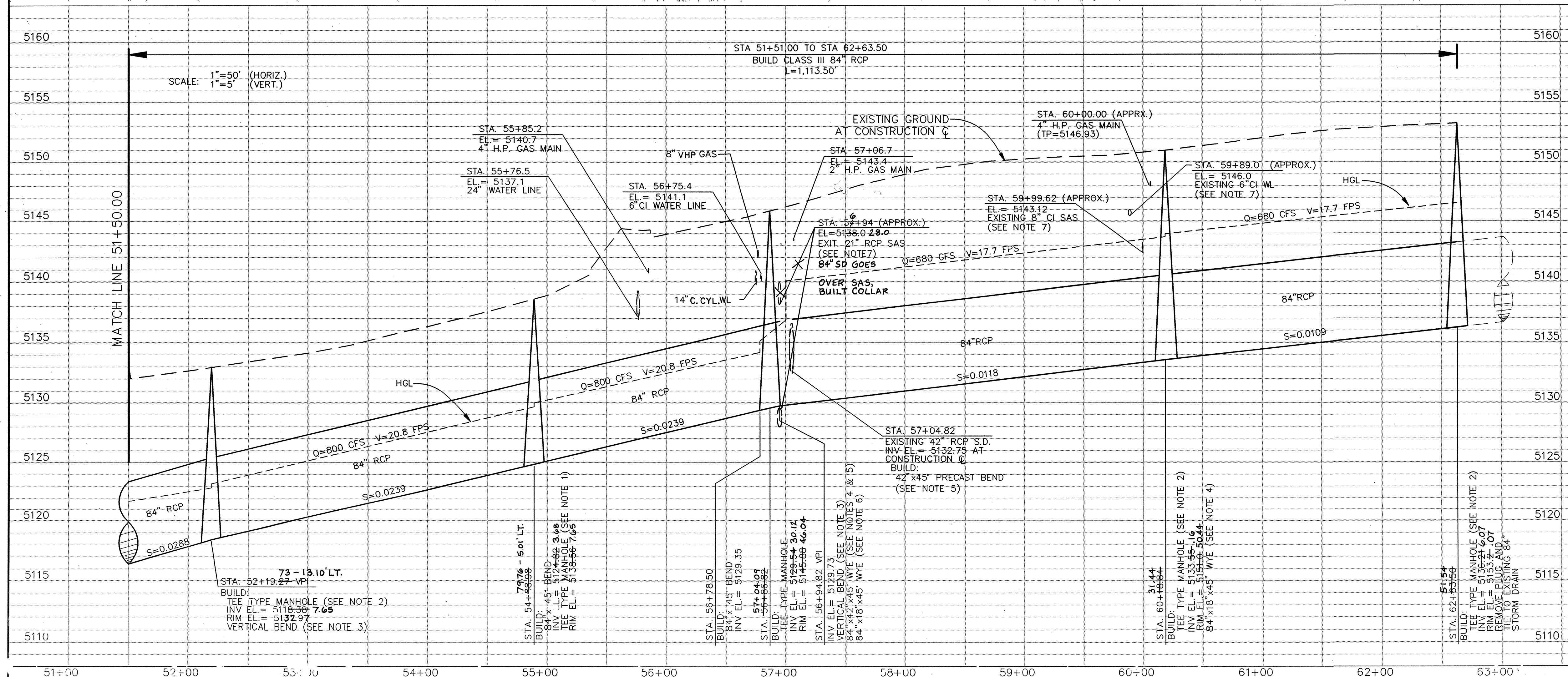
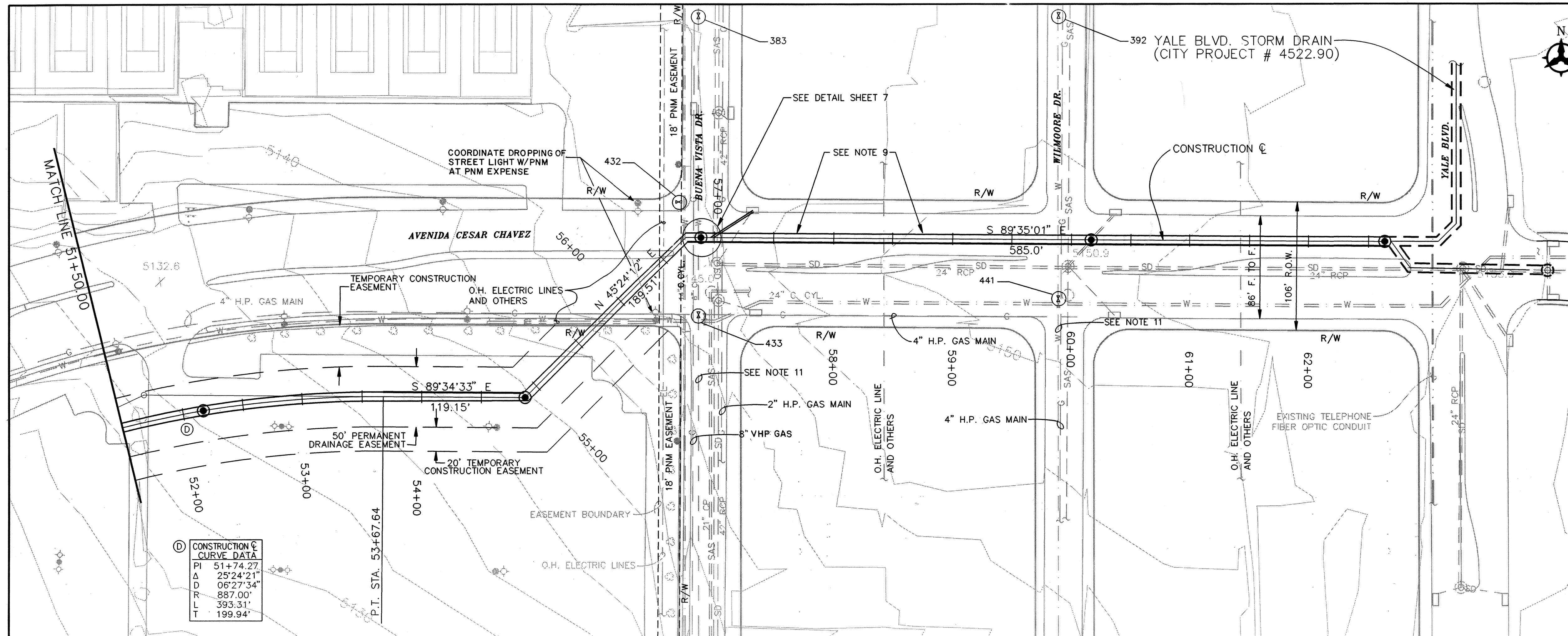
**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING DEVELOPMENT GROUP**

**STADIUM BOULEVARD STORM DRAIN (PHASE II)**  
**PLAN & PROFILE-STATIONS 40+00.00 TO 51+50.00**

Design Review Committee: **APPROVED** JUN 28 1998  
City Engineer: **APPROVED** JUN 28 1998

City Project No. **4495.91**      Last Design Update: **Mo./Day/Yr.**      Sheet **4** of **22**





# NOTES

- TEE TYPE MANHOLE IS TO BE LOCATED IN THE PIPE SECTION IMMEDIATELY DOWNSTREAM OF THE BEND. SET RIM ELEVATION BY MATCHING EXISTING PAVEMENT. THE GIVEN RIM ELEVATION IS APPROXIMATE. (SEE NOTE 2)
- SET RIM ELEVATION BY MATCHING EXISTING PAVEMENT. THE GIVEN RIM ELEVATION IS APPROXIMATE. THE MANHOLE RISER AND COVER WILL BE BUILT ACCORDING TO COA STANDARDS AND SPECIFICATIONS DRAWING 2101. THE COST OF THESE ITEMS WILL BE INCIDENTAL TO THE COST OF THE "T" TYPE MANHOLE.
- VERTICAL BEND IS LOCATED IMMEDIATELY UPSTREAM (EAST) OF THE MANHOLE. CONTRACTOR WILL USE STRAIGHT DEFLECTED PIPE TO ACCOMPLISH BEND.
- WYE IS TO BE LOCATED IN THE PIPE SECTION IMMEDIATELY UPSTREAM OF THE VERTICAL BEND.
- SEE DETAIL SHEET 7.
- WYE IS TO BE LOCATED IN THE PIPE SECTION IMMEDIATELY UPSTREAM OF THE 84"x42" WYE. REMOVE AND DISPOSE OF EXISTING 18" CONNECTOR PIPE. BUILD NEW 18" INLET LINE FROM EXISTING INLET TO WYE. (INV.=5132.67)
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ANY DAMAGE TO EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) OUTSIDE LIMITS OF REMOVAL (SHEET 9 & 10) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- SEE SHEET 9 FOR PAVEMENT REMOVAL LIMITS AND TYPICAL ARTERIAL PAVEMENT SECTION.
- CONTRACTOR MUST WORK AROUND OVERHEAD LINES OR PAY UTILITY RELOCATION COST FOR CONTRACTOR CONVENIENCE.
- CONTRACTOR SHALL REMOVE AND REPLACE ALL 6" CAST IRON WATER LINES EXPOSED DURING EXCAVATION FOR STORM DRAIN.
- 8" GAS LINE SHALL BE SUPPORTED AND IN SERVICE THROUGHOUT CONSTRUCTION. GAS CO. SHALL BE NOTIFIED 1 DAY IN ADVANCE, PRIOR TO EXCAVATION.
- SUPPORT 14" CCP WATER LINE IN OPEN TRENCH DURING CONSTRUCTION.
- CONTRACTOR MUST SUPPORT 2" GAS LINE DURING CONSTRUCTION. CONTRACTOR MAY COORDINATE SHUT-OFF WITH OWNER IF DESIRED. **WATER SHUT-OFF PLAN**

BUENA VISTA DR. - CLOSE VALVES 383, 423 AND 433 BEFORE EXCAVATION IN AREA BEGINS. OPEN VALVES AFTER NEW 6" WATER LINE IS CONSTRUCTED.

WILMOORE DR. - CLOSE VALVES 392 AND 441 BEFORE EXCAVATION IN AREA BEGINS. OPEN VALVES AFTER NEW 6" WATER LINE IS CONSTRUCTED.

CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF SHUT-OFF PLAN AND DISPOSAL OF WATER, FLUSHING AND DISINFECTION OF NEW WATER LINES.

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Condore Construction, Inc.

Craig W. Hoover NMPE 11848

Bohannon & Huston

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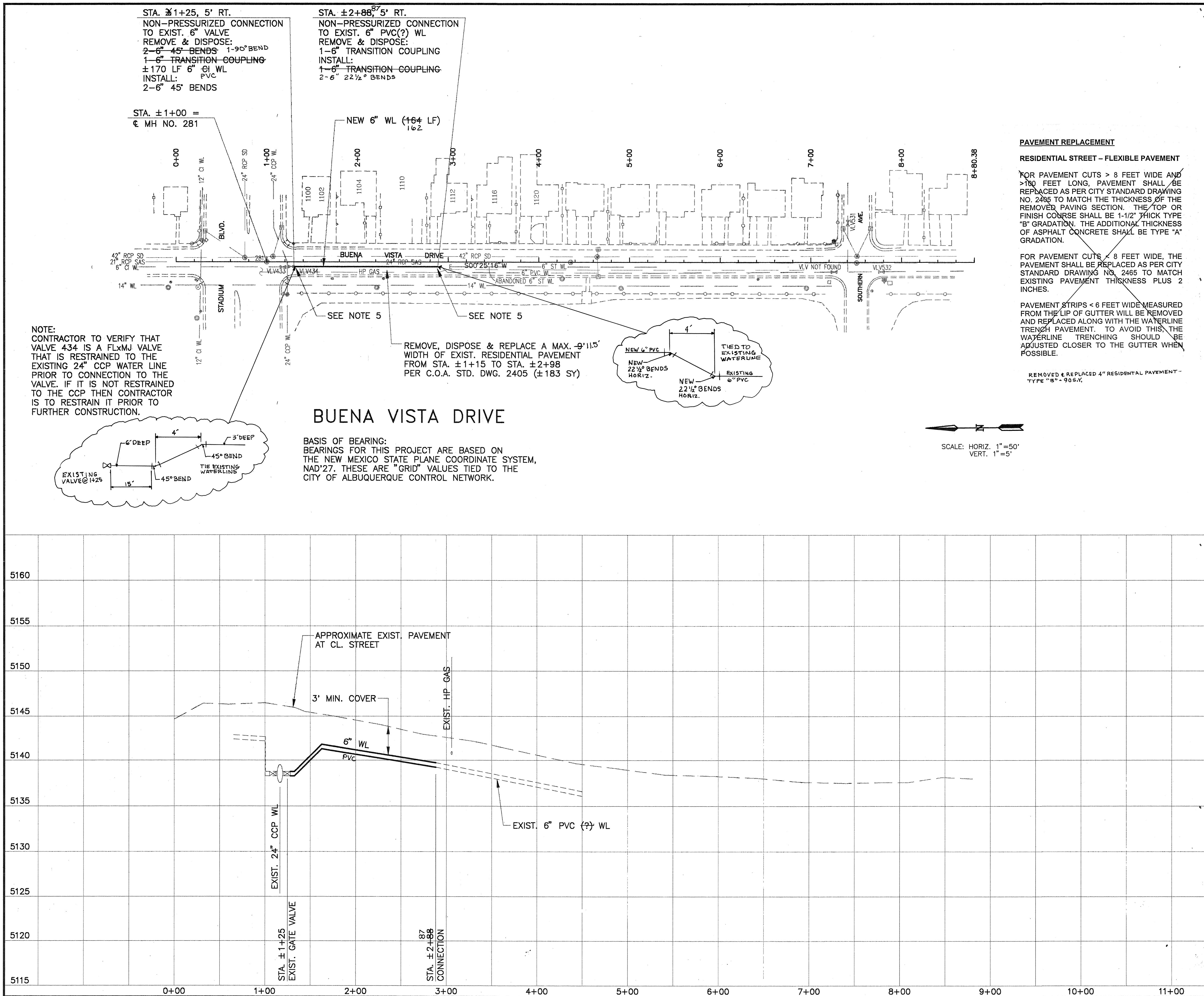
SCALE: 1"=50' (HORIZ.)  
1"=5' (VERT.)

**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING DEVELOPMENT GROUP**

**STADIUM BOULEVARD STORM DRAIN (PHASE II)**  
**PLAN & PROFILE-STATIONS 51+50.00 TO 63+50.00**

Design Review Committee		City Engineer Approval		Mo./Day/Yr.		Mo./Day/Yr.	
DESIGN REVIEW COMMITTEE		CITY ENGINEER					
City Project No.	4495.91	Zone Map No.	L-15	Sheet	5	Of	22





## NOTES:

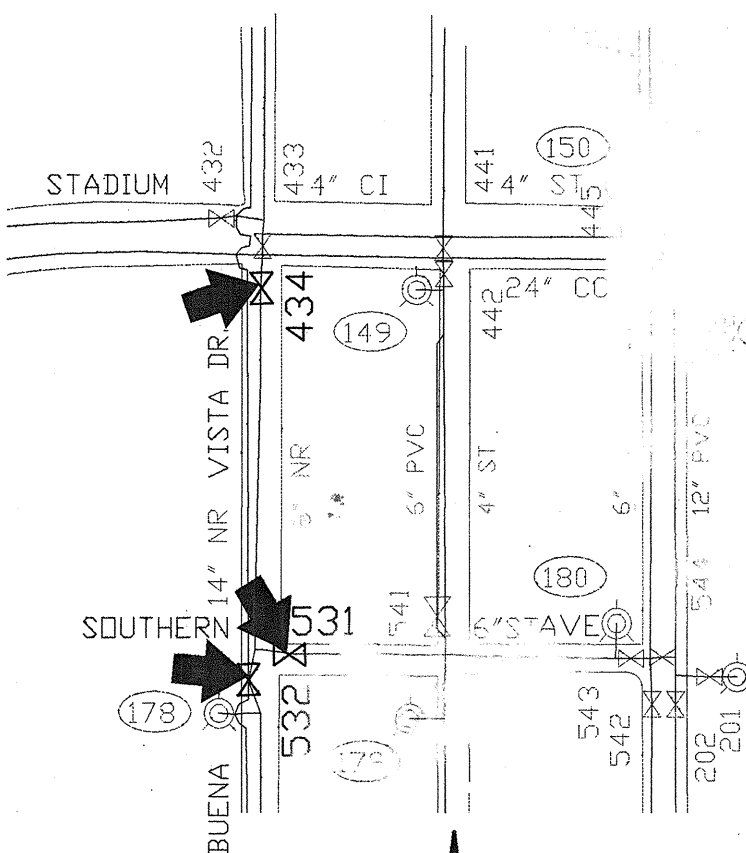
1. WATER LINE CONNECTIONS SHALL BE CONSTRUCTED PER C.O.A. STD. DWG. 2301. UNIT PRICES FOR WATER LINE CONNECTIONS SHALL INCLUDE DISPOSAL OF DRAINED WATER, AND DISPOSAL OF EXISTING WATER LINE AND FITTINGS.
2. ALL NEW WATER LINE FITTINGS AND VALVES SHALL BE MECHANICALLY RESTRAINED PER THE RESTRAINED JOINT DETAILS SHEET.
3. SERVICE LINE REPLACEMENT, METER REHABILITATION AND METER RELOCATION SHALL BE PER C.O.A. STD. DWG. 2362 PER THE FOLLOWING SCHEDULE:

ADDRESS	METER		SERVICE LINE	
	LOC.	REHAB.	RELOC.	REPL. SIZE
1104 BUENA VISTA DR.	F4	X		X 3/4"
1110 BUENA VISTA DR.	F4	X		X 3/4"
1112 BUENA VISTA DR.	F6	X		X 3/4"

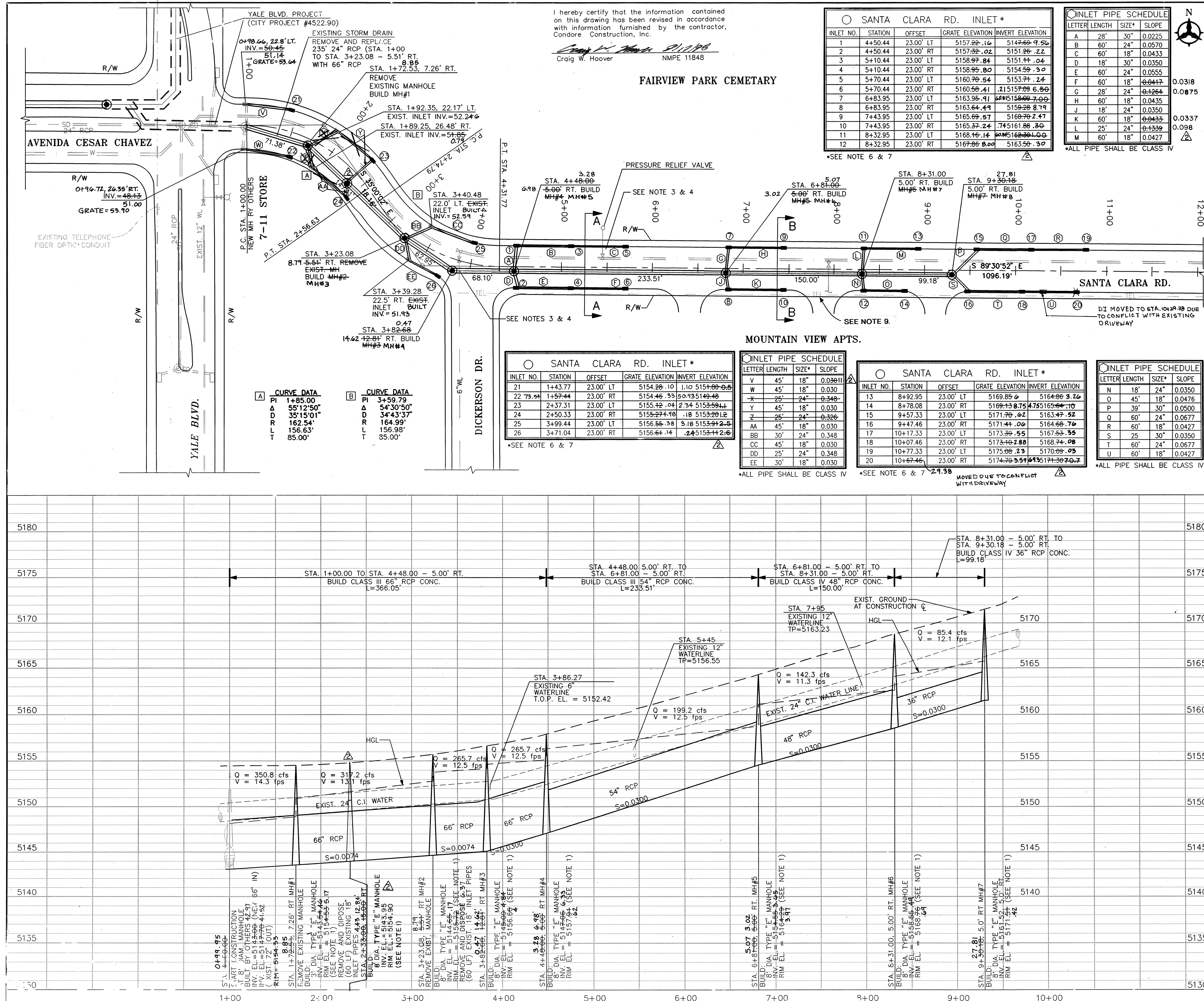
(NOTE: REHABILITATION OR RELOCATION OF METER AND REPLACEMENT OF SERVICE LINE INCLUDES REMOVAL AND DISPOSAL OF EXISTING BOX OR LINE)

4. TRAFFIC CONTROL.  
TRAFFIC CONTROL SHALL BE PAID LUMP SUM FOR ALL TRAFFIC CONTROL RELATED WORK PERTAINING TO THIS SHEET.
5. THRUST RESTRAINT.  
CONTRACTOR SHALL RESTRAIN 6" WL 55 FEET TO THE SOUTHSIDE OF VALVE 434 AND 8 FEET TO THE NORTH OF THE 45° BEND AT STA. ±2+88.

## WATER SHUT-OFF PLAN







### NOTES

- SET MANHOLE RIM ELEVATION BY MATCHING EXISTING GROUND SURFACE ELEVATION. THE GIVEN RIM ELEVATION IS APPROXIMATE.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- CONTRACTOR SHALL SUPPORT AND PROTECT 24" C.I. WATER LINE DURING CONSTRUCTION WHEN WATER LINE IS EXPOSED. (COST IS INCIDENTAL TO PROJECT COST.)
- CONTRACTOR SHALL SUPPORT AND PROTECT ALL WATER DISTRIBUTION LINES DURING CONSTRUCTION WHEN WATER LINES ARE EXPOSED. (COST IS INCIDENTAL TO PROJECT COST.)
- ANY DAMAGE TO EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, UTILITY LINES, ETC.) OUTSIDE LIMITS OF REMOVAL (SHEET 9 & 10) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- SET GRATE ELEVATION BY MATCHING EXISTING GROUND SURFACE ELEVATION. THE GIVEN GRATE ELEVATION IS APPROXIMATE.
- ALL INLETS SHALL BE TYPE "A" SINGLE GRATE PER STANDARD DWG. 2201.
- SEE SHEET 9 FOR TYPICAL ARTERIAL PAVEMENT SECTION.
- CONTRACTOR SHALL USE CARE WHEN EXCAVATING NEAR PHONE LINE.
- 24" WATERLINE IS TO REMAIN OPERATIONAL DURING CONSTRUCTION. 24" WATERLINE IS SUBJECT TO CITY OF ALBUQUERQUE WATER MORATORIUM. SHUT OFF MAY NOT BE PERMITTED DURING THE MONTHS OF MAY THROUGH SEPTEMBER.
- CONTRACTOR SHALL COORDINATE ANY SHUT-OFF OF THIS LINE W/ CITY WATER SYSTEMS.

### TYPICAL SECTION A-A

N.T.S.

### TYPICAL SECTION B-B

N.T.S.

SCALE: 1"=50' (HORIZ.)  
1"=5' (VERT.)

**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

**STADIUM BOULEVARD STORM DRAIN (PHASE II)**  
PLAN & PROFILE-STATIONS 0+90.00 TO 12+00.00

APPROVED

DESIGN REVIEW COMMITTEE

APPROVED

CITY ENGINEER

Mo./Day/Yr.

Mo./Day/Yr.

City Project No.

Zone Map No.

Sheet

Of

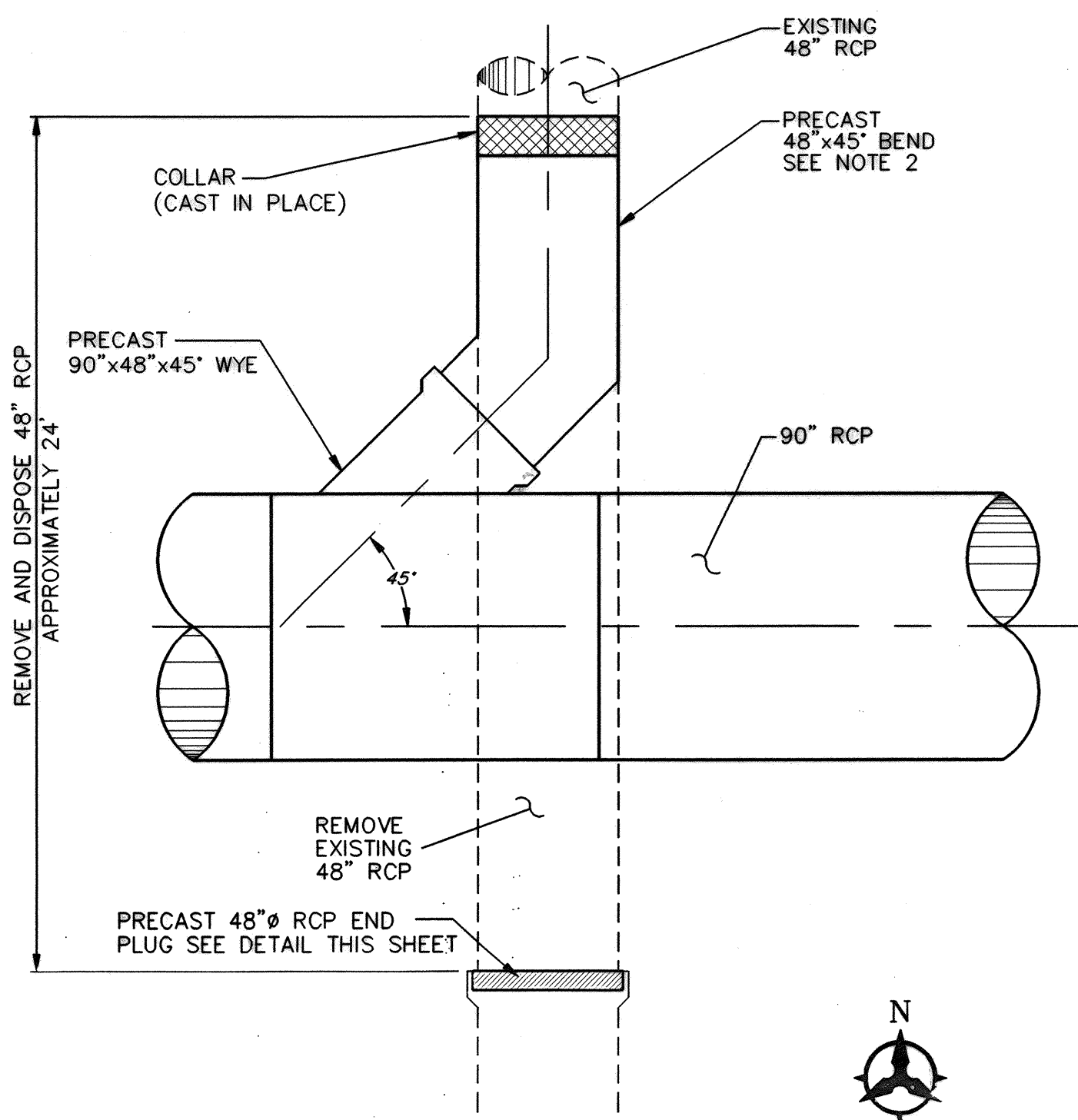
4495.91

L-15

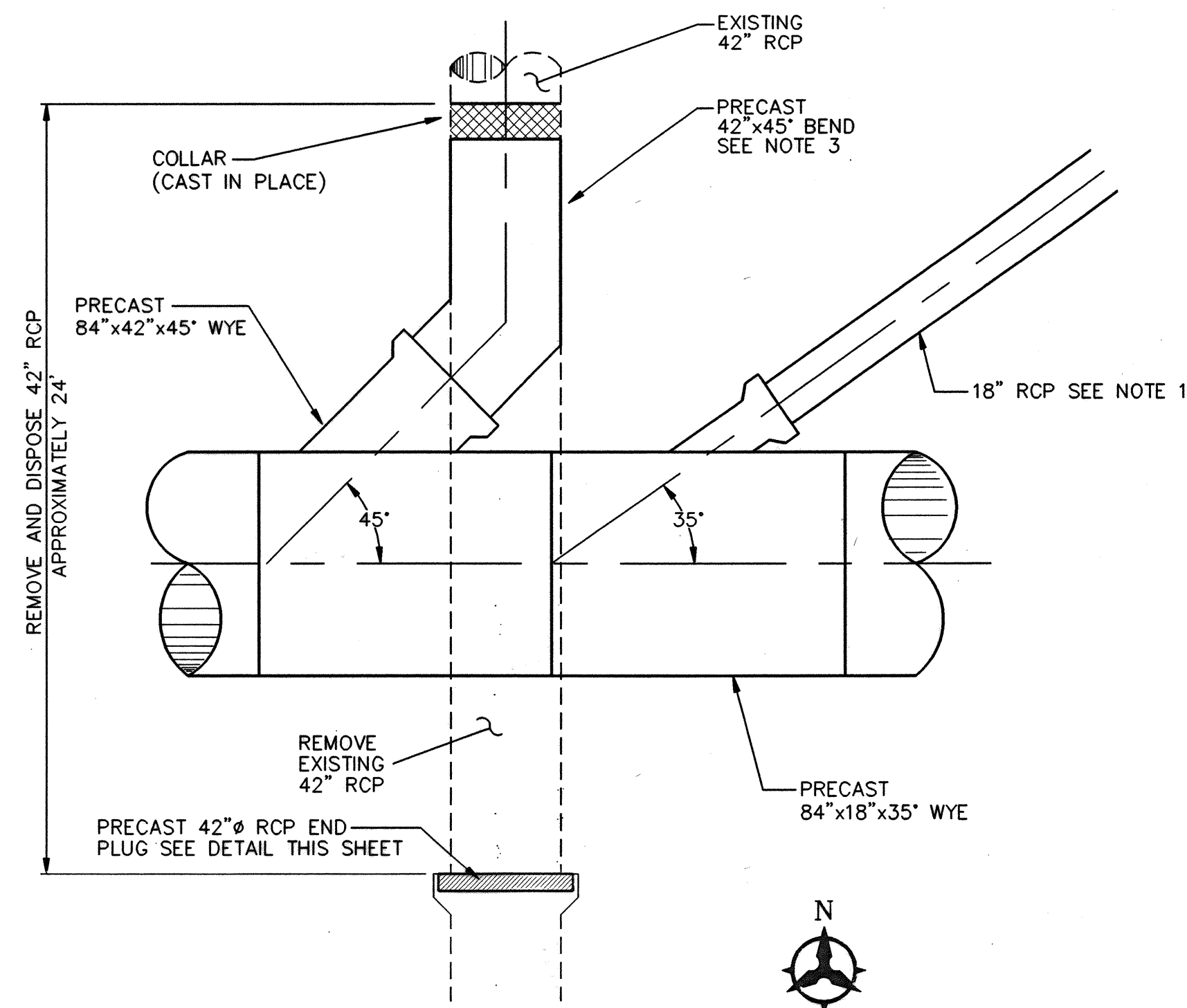
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22

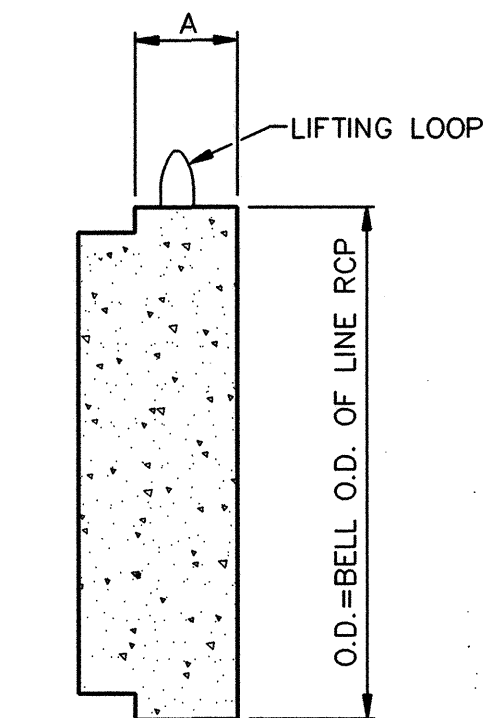




WYE. BEND & PIPE PLUG DETAIL  
STA. 35+30.74  
N.T.S.

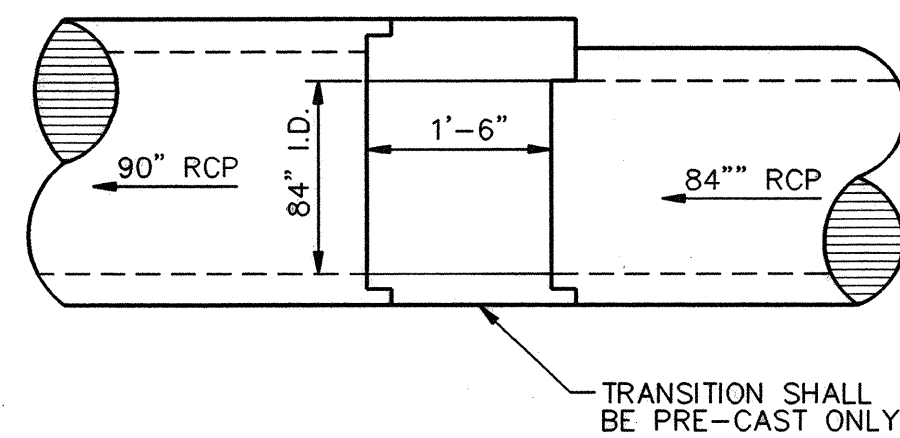


WYE. BEND & PIPE PLUG DETAIL  
STA. 56+94.82  
N.T.S.

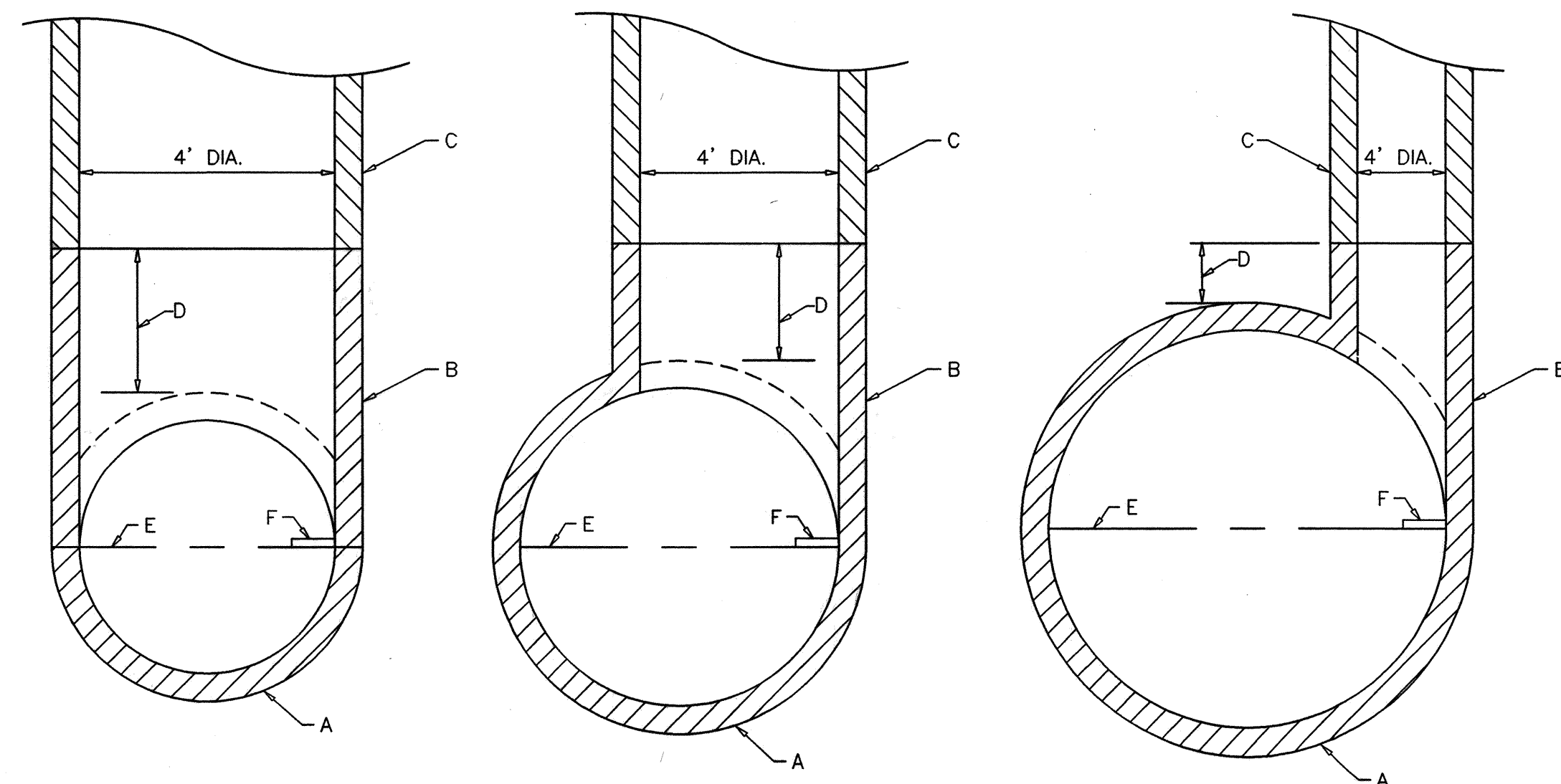


RCP I.D.	"A"
24" & SMALLER	3"
30" - 42"	6"
48" - 72"	8"
78" - 96"	10"

RCP END PLUG  
N.T.S.



RCP TRANSITION DETAIL  
STA. 47+69.21  
N.T.S.



TEE TYPE MANHOLE  
N.T.S.

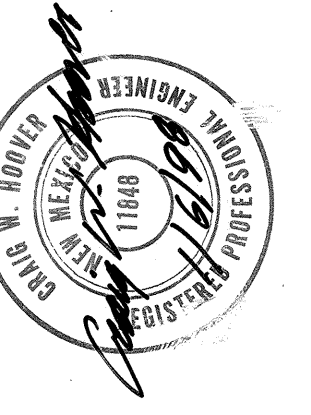
#### CONSTRUCTION NOTES

- STORM SEWER PIPE
- PRECAST VERTICAL PIPE
- PRECAST MANHOLE RISER
- TOP OF VERTICAL PIPE MIN. 18" ABOVE
- SPRINGLINE
- LOWEST MANHOLE STEP (IF REQUIRED)

#### NOTES

- BUILD 40 LF OF 18" CLASS IV RCP FROM PRECAST 84" x 18" x 35" WYE TO EXISTING INLET.
- REMOVE EXISTING 48" RCP TO FIRST JOINT NORTH AND SOUTH OF PROPOSED 90° STORM DRAIN. INSTALL 48" x 45" BEND AND APPROXIMATELY 8' OF 48" RCP, THEN CONNECT TO EXISTING 48" RCP WITH COLLAR.
- REMOVE EXISTING 42" RCP TO FIRST JOINT NORTH AND SOUTH OF PROPOSED 84" STORM DRAIN. INSTALL 42" x 45" BEND AND APPROXIMATELY 8' OF 42" RCP, THEN CONNECT TO EXISTING 42" RCP WITH COLLAR.
- MANHOLE STEPS ARE REQUIRED FOR MANHOLE DEEPER THAN 6 FEET. LOWEST STEP SHOULD BE AT THE SPRINGLINE OF THE SEWER PIPE.
- FIELD FABRICATION OF THE TEE OR ECCENTRIC PIPE UNIT WILL NOT BE ACCEPTED.
- VERTICAL PIPE SHALL BE CENTERED HORIZONTAL STORM SEWER PIPE SECTION.

SURVEY INFORMATION			FIELD NOTES		NO.		BY		DATE		BENCH MARKS		AS-BUILT INFORMATION						
												CONTROL STATION	K15-S	ELEV = 517.82	CONTRACTOR	CONDOR	DATE	5/98	
												NMHC BRASS TABLET STAMPED K15-S SET IN TOP OF							
												A CONCRETE POST FLUSH WITH THE GROUND. THE							
												BRASS CAP IS LOCATED SOUTHWEST OF THE							
												A.P.S. CENTRAL OFFICE ADDITION 208' WEST OF							
												UNIVERSITY BLVD.							



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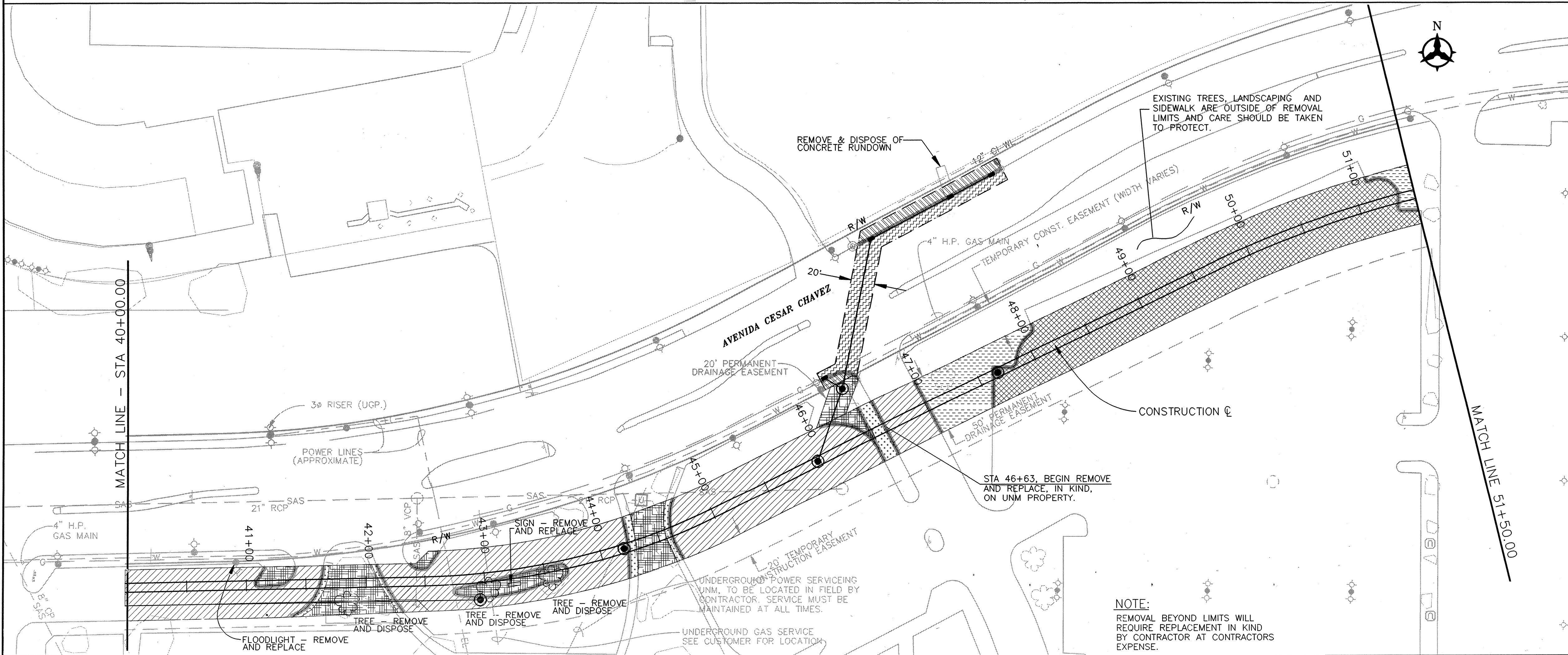
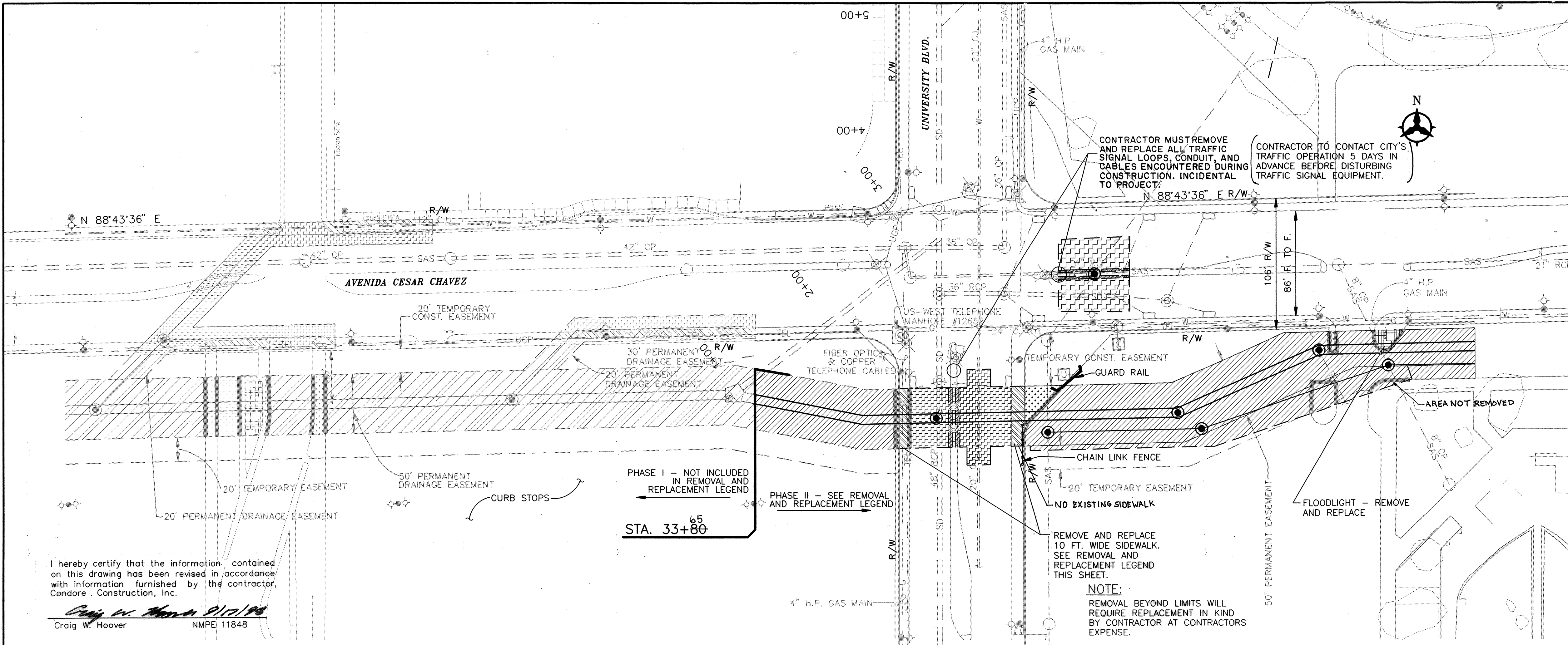
**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING DEVELOPMENT GROUP**

STADIUM BOULEVARD STORM DRAIN (PHASE II)  
DETAILS

Design Review Committee	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED		
DESIGN REVIEW COMMITTEE		
APPROVED		
CITY ENGINEER		

City Project No. 4495.91 Zone Map No. L-15 Sheet 7 of 22





**NOTES:**

- ALL CURB AND GUTTER, CONCRETE ASPHALT PAVEMENT, MEDIANS, DRIVEPADS, SIDEWALKS, TRAFFIC SIGNALS, LIGHT POLES, AND MANHOLES WITHIN THE CITY OF ALBUQUERQUE RIGHT-OF-WAY WILL BE REPLACED IN KIND UNLESS OTHERWISE NOTED.
- ALL QUANTITIES ON UNIVERSITY OF NEW MEXICO PROPERTY (SHOWN AS SHADED ON THE PLAN VIEW) WILL BE REMOVED AND REPLACED BY FOLLOWING THE LEGEND BELOW. NAMED CURB STOPS WILL BE REMOVED AND REPLACED TO THE EXACT SPOT FROM WHERE THEY WERE REMOVED. ALL PARKING STRIPES DESTROYED WILL BE REPLACED. ALL BOLLARDS WILL BE REMOVED AND REPLACED.
- CONTRACTOR SHOULD KEEP A MINIMUM 5' DISTANCE BETWEEN THE BASE OF A LIGHT POLE AND THE EXCAVATION LIMITS. OTHERWISE, THE LIGHT POLE MUST BE REMOVED AND REPLACED.

**TYPICAL ARTERIAL PAVEMENT SECTION**  
N.T.S.

**QUANTITY ESTIMATES\***

1. ASPHALT PAVEMENT 2"	6,690 sq. yd.
2. ASPHALT PAVEMENT 3"	2,341 sq. yd.
3. ASPHALT PAVEMENT, ARTERIAL	1100 sq. yd.
4. CONCRETE SIDEWALK - R & R IN KIND	333 sq. yd.
4A. CONCRETE SIDEWALK - R & R W/ ASPHALT	267 sq. yd.
5. LANDSCAPING R & R	463 sq. yd.
5A. LANDSCAPING R & DIS.	961 sq. yd.
6. CURB & GUTTER R & R IN KIND	572 l.f.
7. CURB & GUTTER R & R W/ ASPHALT	1,190 l.f.
8. CURB STOPS	60 ea.
9. CHAIN LINK FENCE	285 sq. ft.
10. TREE	3 ea.

\* THIS SHEET ONLY

**LEGEND FOR UNM. REMOVAL AND REPLACEMENT**

- TREE - REMOVE AND DISPOSE
- ASPHALT PAVEMENT - REMOVE AND REPLACE WITH 3" ASPHALT CONCRETE.
- ASPHALT PAVEMENT - REMOVE AND REPLACE WITH 2" ASPHALT CONCRETE.
- CONCRETE SIDEWALK - REMOVE AND REPLACE WITH 2" ASPHALT CONCRETE.
- CONCRETE SIDEWALK - REMOVE AND REPLACE, IN KIND.
- LANDSCAPING - REMOVE AND REPLACE, IN KIND.
- LANDSCAPING - REMOVE AND DO NOT REPLACE
- CURB & GUTTER - REMOVE AND REPLACE WITH ASPHALT CONCRETE CURB.
- CURB & GUTTER, MEDIAN REMOVE AND REPLACE, IN KIND.
- CHAIN LINK FENCE REMOVE AND REPLACE, IN KIND.
- ASPHALT PAVEMENT, REMOVE AND REPLACE WITH ARTERIAL PAVEMENT SECTION.

**Bohannon & Huston**

**COURTYARD ONE**  
7500 JEFFERSON NE  
ALBUQUERQUE  
NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS  
SURVEYORS LANDSCAPE ARCHITECTS

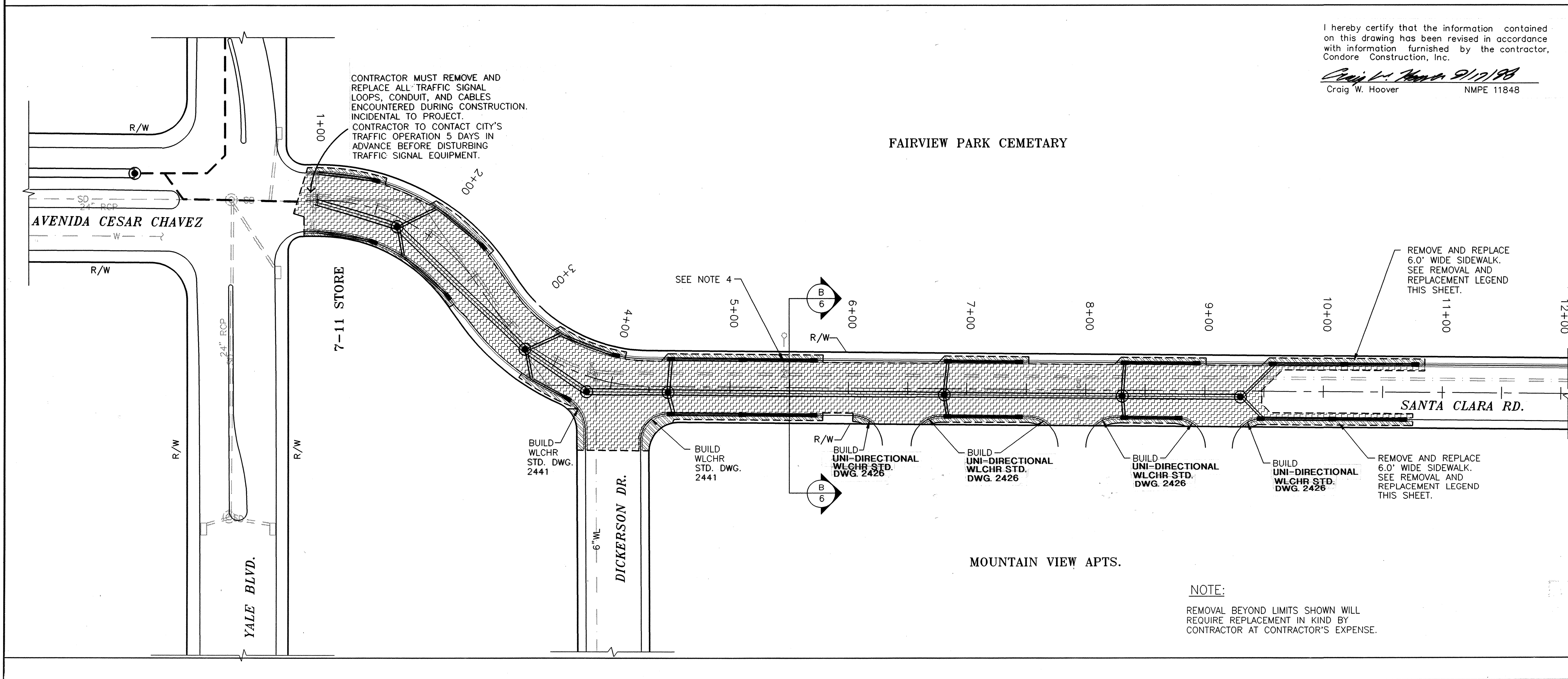
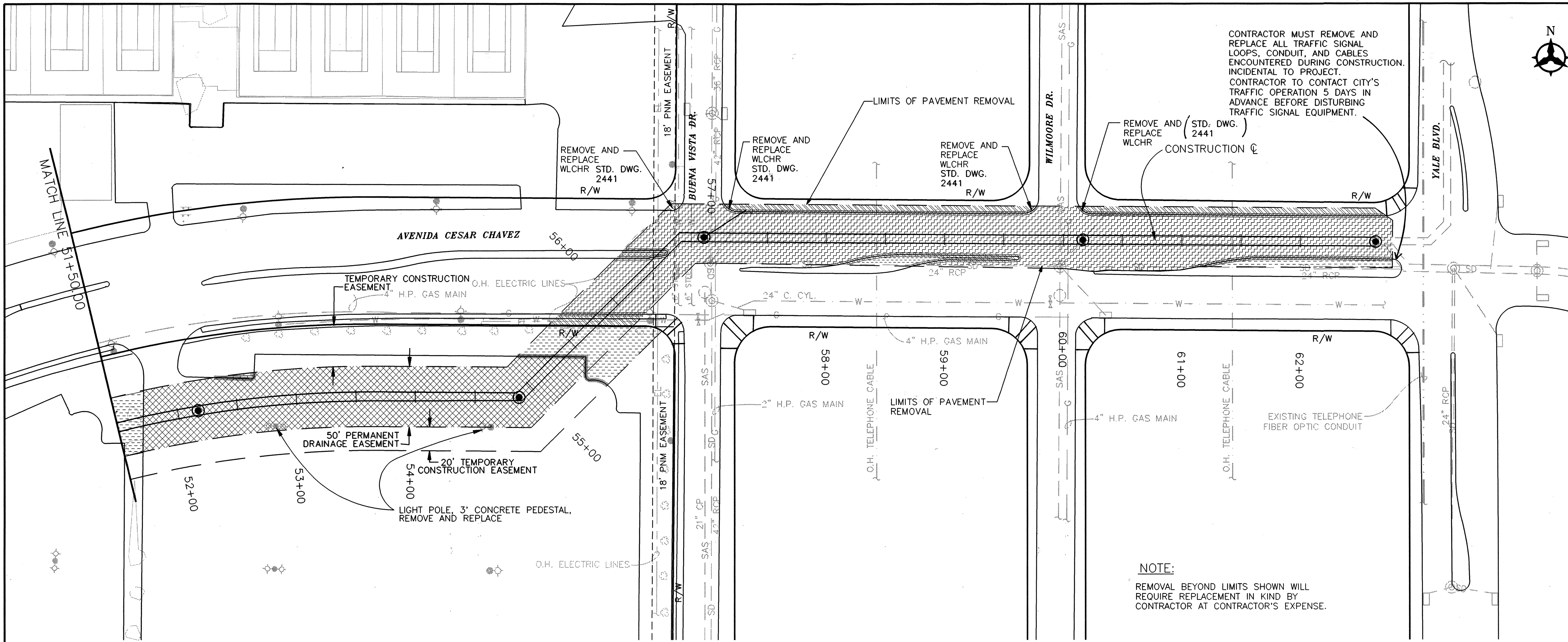
**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING DEVELOPMENT GROUP**

**STADIUM BOULEVARD STORM DRAIN (PHASE II)**  
**REMOVAL AND REPLACEMENT**

City Project No. 4495.91 Zone Map No. L-15 Sheet 8 of 22

City Engineer: [Signature] Date: 11-4-94  
Design By: MARTIN CONNOLLY Date: 9-97  
Drawn By: SFG Date: 9-97  
Checked By: CWH Date: 9-97





**NOTES:**

- ALL CURB AND GUTTER, CONCRETE ASPHALT PAVEMENT, MEDIANS, DRIVEPADS, SIDEWALKS, TRAFFIC SIGNALS, LIGHT POLES, AND MANHOLES WITHIN THE CITY OF ALBUQUERQUE RIGHT-OF-WAY WILL BE REPLACED IN KIND UNLESS OTHERWISE NOTED.
- ALL QUANTITIES ON UNIVERSITY OF NEW MEXICO PROPERTY (SHOWN AS SHADED ON THE PLAN VIEW) WILL BE REMOVED AND REPLACED WITH THE LEGEND BELOW. NAMED CURB STOPS WILL BE REMOVED AND REPLACED TO THE EXACT SPOT FROM WHERE THEY WERE REMOVED. ALL PARKING STRIPES DESTROYED WILL BE REPLACED.
- CONTRACTOR SHOULD KEEP A MINIMUM 5' DISTANCE BETWEEN THE BASE OF A LIGHT POLE AND THE EXCAVATION LIMITS. OTHERWISE, THE LIGHT POLE MUST BE REMOVED AND REPLACED.
- CONTRACTOR SHALL REMOVE AND REPLACE ACCESS HATCH IN KIND. COST IS INCIDENTAL TP PROJECT.

**TYPICAL ARTERIAL PAVEMENT SECTION**  
N.T.S.

**QUANTITY ESTIMATES\***

1. ARTERIAL PAVEMENT	- 8,570 sq. yd.
2. CURB & GUTTER, R & R IN KIND	- 2,165 L.F.
3. CURB & GUTTER, R & R W/ ASPHALT	- 400 L.F.
4. CONCRETE SIDEWALK, R & R IN KIND	- 1,869 sq. yd.
5. ASPHALT PAVEMENT 3"	- 2,109 sq. yd.
6. LANDSCAPING, R & R IN KIND	- 535 sq. yd.
7. WHEELCHAIR RAMP (WLCHR)	- 8 EA.
8. WHEELCHAIR RAMP (WLCHR) R & R IN KIND	- 4 EA.

\* THIS SHEET ONLY

**LEGEND FOR UNM REMOVAL AND REPLACEMENT**

	ASPHALT PAVEMENT - REMOVE AND REPLACE WITH 3" ASPHALT CONCRETE.
	LANDSCAPING - REMOVE AND REPLACE, IN KIND.
	CURB & GUTTER, REMOVE AND REPLACE, IN KIND.
	CURB & GUTTER - REMOVE AND REPLACE WITH ASPHALT CONCRETE CURB.
	CONCRETE SIDEWALK - REMOVE AND REPLACE, IN KIND.
	ASPHALT PAVEMENT, REMOVE AND REPLACE WITH ARTERIAL PAVEMENT SECTION.

**Bohannon & Huston**  
7500 JEFFERSON NE  
ALBUQUERQUE  
NEW MEXICO 87109  
ENGINEERS PLANNERS PHOTOGRAMMETRISTS  
SURVEYORS LANDSCAPE ARCHITECTS

SCALE: 1"=50'

**CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP**

**STADIUM BOULEVARD STORM DRAIN (PHASE II)  
REMOVAL AND REPLACEMENT**

Design Review Committee	City Engineer Approved	Mo./Day/Yr.	Mo./Day/Yr.
APPROVED JAN 29 1998 DESIGN REVIEW COMMITTEE	APPROVED JAN 29 1998 CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
4495.91	L-15	9	22

**AS-BUILT INFORMATION**

CONTRACTOR	CONDOR	DATE 5/98
DESIGNED BY	J.A.O.	DATE
FIELD ACCEPTANCE BY	CONDOR	DATE 8/98
DRAWN BY	B.H.	DATE 9/98
CHECKED BY	UNIVERSITY BLVD.	
RECORDED BY		
NO.		

**SURVEY INFORMATION**

NO.	DATE	BY

**ENGINEER'S SEAL**

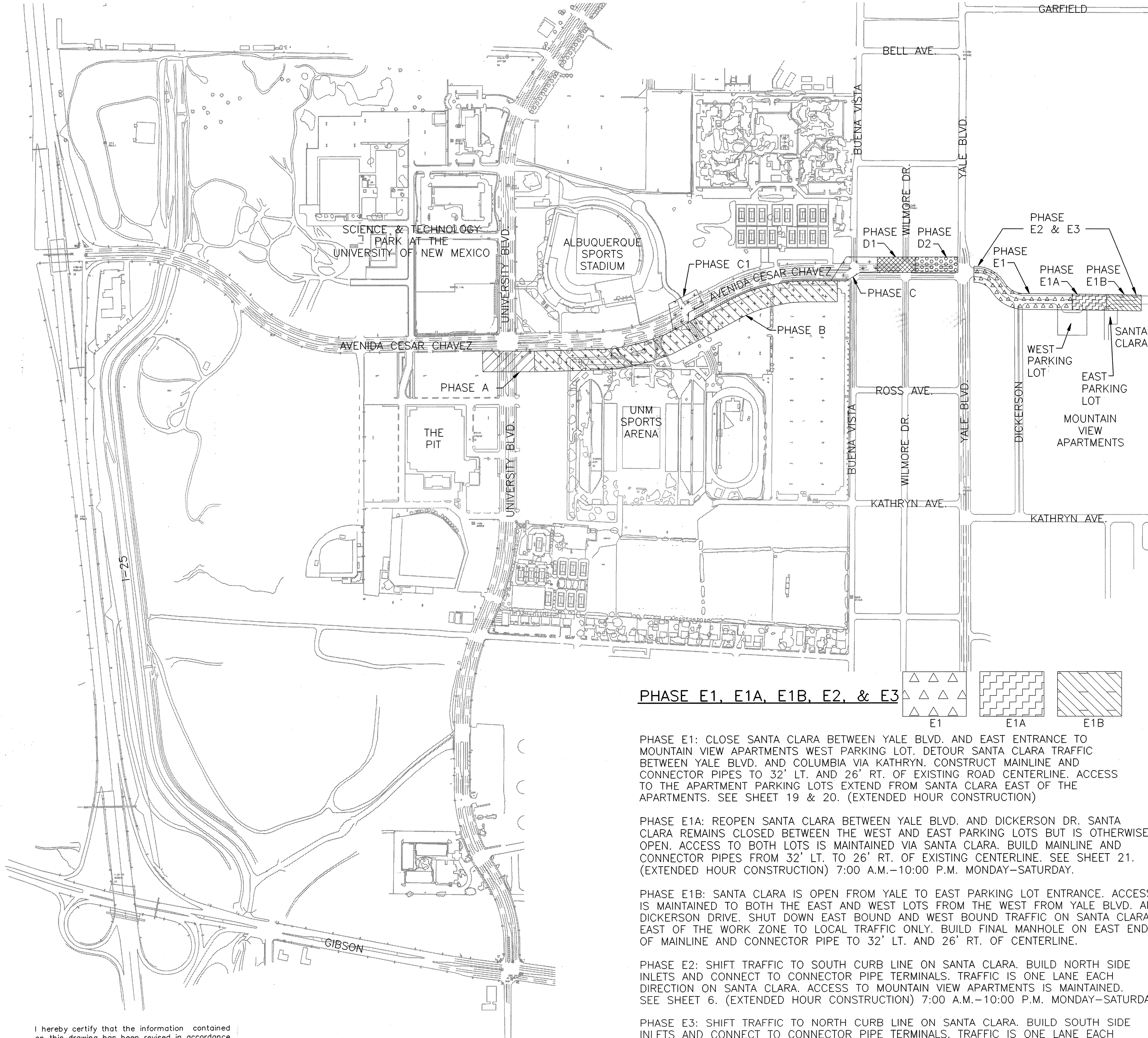
**REMARKS**

**REVISIONS**

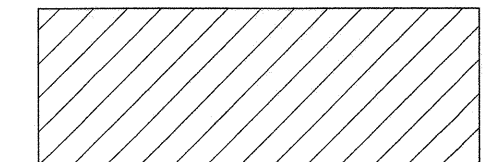
DESIGN  
DATE: 11-4-94  
DATE: 9-97  
DATE: 9-97

Designed By: MARTIN CONNOLLY  
Drawn By: SFG  
Checked By: CWH



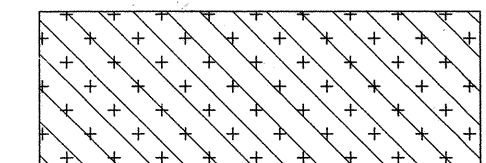


**PHASE A**



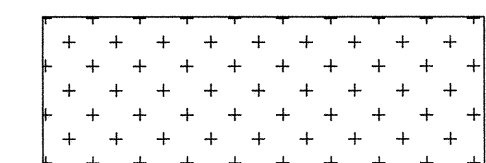
CLOSE UNIVERSITY SOUTH OF UNIVERSITY/AVENIDA CESAR CHAVEZ INTERSECTION. WORK ZONE IS IMMEDIATELY SOUTH OF THE INTERSECTION CROSSING UNIVERSITY FROM WEST SIDE TO EAST SIDE. RESTRICT SOUTH BOUND UNIVERSITY TRAFFIC TO ONE SINGLE LEFT TURN AND ONE SINGLE RIGHT TURN LANE APPROACHING THE WORK ZONE. NORTH BOUND UNIVERSITY IS CLOSED AT LAST MEDIAN OPENING SOUTH OF THE WORK ZONE, ALLOWING ONLY U-TURNS. TIE NEW STORM DRAIN TO EXISTING STORM DRAIN LOCATED IN THE SOUTH WEST CORNER OF THE INTERSECTION. BUILD NEW STORM DRAIN LINE FROM STA. 33+80 TO STA. 36+00 ACROSS UNIVERSITY. RELOCATE EXISTING WATER DISTRIBUTION LINE WITHIN UNIVERSITY BLVD. OVER THE NEW STORM DRAIN INSTALLATION. THE CONTRACTOR SHALL BUILD THIS PHASE DURING A WEEKEND FROM 7:00 P.M. FRIDAY TO 5:00 A.M. MONDAY WITH CONTINUOUS 24 HOUR PER DAY CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH UNM TO AVOID ANY CONFLICTS WITH SCHEDULED EVENTS. ADD DETOUR SIGNING AS SHOWN ON PLANS. SEE SHEETS 11-13

**PHASE B**



CLOSE ALL (6) ENTRANCES TO THE PARKING LOT SOUTH AND ADJACENT TO AVENIDA CESAR CHAVEZ AS NEEDED. SEE SHEET 14 FOR SPECIAL ENTRANCE CLOSING REQUIREMENTS. THIS PARKING LOT CAN ALSO BE ACCESSED FROM UNIVERSITY BLVD. AND ADJACENT ROADS TO THE SOUTH. OPEN UNIVERSITY CLOSURE THAT WAS IN AFFECT DURING PHASE A. THE CONTRACTOR BARRICADE & INSTALL TEMPORARY FENCING BETWEEN WORK SITE AND OPEN PARKING AREAS AND ENTRANCES TO PREVENT TRAFFIC FROM ENTERING THE WORK ZONE. ENTRANCES SHALL BE OPEN AS SOON AS POSSIBLE AFTER CONTRACTOR'S CONSTRUCTION PASSES EACH ENTRANCE. BUILD NEW STORM DRAIN LINE FROM STA. 36+00 TO 55+00. BUILD SANITARY SEWER FROM STA. 35+96 TO 38+50. MAKE REPAIRS TO ADJACENT FACILITIES DEMOLISHED DURING THE STORM DRAIN CONSTRUCTION. SEE SHEET 14. (EXTENDED HOUR CONSTRUCTION) 7:00 A.M.-10:00 P.M. MONDAY-SATURDAY

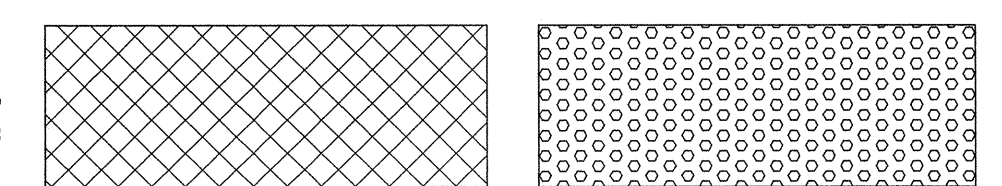
**PHASE C & C1**



CLOSE AVENIDA CESAR CHAVEZ BETWEEN UNIVERSITY BLVD. AND YALE BLVD. THE CONTRACTOR SHALL BUILD THIS PHASE DURING A WEEKEND FROM 7:00 P.M. FRIDAY TO 5:00 A.M. MONDAY WITH CONTINUOUS 24 HOUR CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION WITH UNM TO AVOID ANY CONFLICTS WITH SCHEDULED EVENTS. CLOSE BUENA VISTA IMMEDIATELY NORTH AND SOUTH OF AVENIDA CESAR CHAVEZ. BUENA VISTA MAY CONTINUE TO BE ACCESSED BY ADJACENT ROADS NORTH AND SOUTH OF AVENIDA CESAR CHAVEZ. CLOSE AVENIDA CESAR CHAVEZ AT ALL (6) ENTRANCES TO THE UNM PARKING LOT. BUILD AVENIDA CESAR CHAVEZ MAIN LINE STORM DRAIN FROM STA. 55+50 TO MANHOLE AT STA. 57+00. ADD DETOUR SIGNING AS SHOWN ON PLANS. SEE SHEETS 16 & 17.

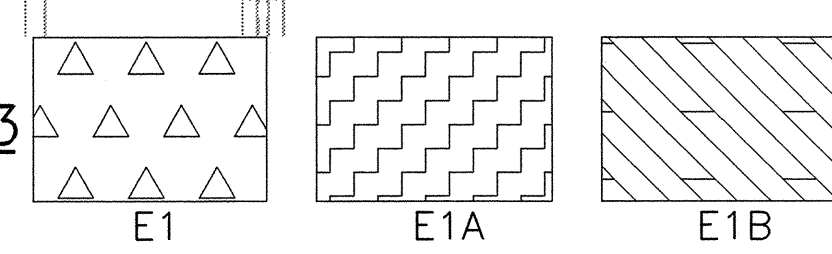
PHASE C1: THE CONTRACTOR CAN DO THIS PHASE WITH PHASE C OR SEPARATELY WITH DOUBLE RIGHT LANE AND DOUBLE LEFT LANE CLOSURES AT SEPARATE TIMES AS PHASE C1. THIS WORK, IF DONE SEPARATELY FROM PHASE C, SHALL BE PERFORMED USING EXTENDED HOURS, 7:00 A.M. THROUGH 10:00 P.M. MONDAY THROUGH SATURDAY (MINIMUM). A TOTAL OF 5 CALENDAR DAYS IS ALLOWED FOR THIS PHASE. BUILD LATERAL CONNECTION PIPE STORM DRAIN FORM MANHOLE AT STA. 46+00 TO INLETS ON NORTH SIDE OF AVENIDA CESAR CHAVEZ TO STA. 48+50. BUILD THESE THREE INLETS ON THE NORTH SIDE OF AVENIDA CESAR CHAVEZ TO STA 48+00. SEE SHEETS 16 & 22A.

**PHASE D1 & D2**



RESTRICT AVENIDA CESAR CHAVEZ TO ONE LANE EACH WAY BETWEEN UNIVERSITY BLVD. AND YALE BLVD. ROUTE TRAFFIC TO EXISTING EAST BOUND LANES. REMOVE MEDIANS. BUILD STORM DRAIN AND PAVEMENT REPAIRS. SEE SHEETS 18 & 18A. (EXTENDED HOUR CONSTRUCTION) 7:00 A.M.-10:00 P.M. MONDAY-SATURDAY.

**PHASE E1, E1A, E1B, E2, & E3**



PHASE E1: CLOSE SANTA CLARA BETWEEN YALE BLVD. AND EAST ENTRANCE TO MOUNTAIN VIEW APARTMENTS WEST PARKING LOT. DETOUR SANTA CLARA TRAFFIC BETWEEN YALE BLVD. AND COLUMBIA VIA KATHRYN. CONSTRUCT MAINLINE AND CONNECTOR PIPES TO 32' LT. AND 26' RT. OF EXISTING ROAD CENTERLINE. ACCESS TO THE APARTMENT PARKING LOTS EXTEND FROM SANTA CLARA EAST OF THE APARTMENTS. SEE SHEET 19 & 20. (EXTENDED HOUR CONSTRUCTION)

PHASE E1A: REOPEN SANTA CLARA BETWEEN YALE BLVD. AND DICKERSON DR. SANTA CLARA REMAINS CLOSED BETWEEN THE WEST AND EAST PARKING LOTS BUT IS OTHERWISE OPEN. ACCESS TO BOTH LOTS IS MAINTAINED VIA SANTA CLARA. BUILD MAINLINE AND CONNECTOR PIPES FROM 32' LT. TO 26' RT. OF EXISTING CENTERLINE. SEE SHEET 21. (EXTENDED HOUR CONSTRUCTION) 7:00 A.M.-10:00 P.M. MONDAY-SATURDAY.

PHASE E1B: SANTA CLARA IS OPEN FROM YALE TO EAST PARKING LOT ENTRANCE. ACCESS IS MAINTAINED TO BOTH THE EAST AND WEST LOTS FROM THE WEST FROM YALE BLVD. AND DICKERSON DRIVE. SHUT DOWN EAST BOUND AND WEST BOUND TRAFFIC ON SANTA CLARA EAST OF THE WORK ZONE TO LOCAL TRAFFIC ONLY. BUILD FINAL MANHOLE ON EAST END OF MAINLINE AND CONNECTOR PIPE TO 32' LT. AND 26' RT. OF CENTERLINE.

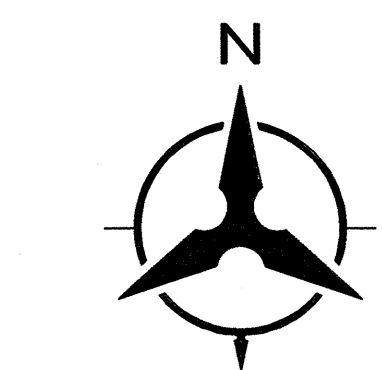
PHASE E2: SHIFT TRAFFIC TO SOUTH CURB LINE ON SANTA CLARA. BUILD NORTH SIDE INLETS AND CONNECT TO CONNECTOR PIPE TERMINALS. TRAFFIC IS ONE LANE EACH DIRECTION ON SANTA CLARA. ACCESS TO MOUNTAIN VIEW APARTMENTS IS MAINTAINED. SEE SHEET 6. (EXTENDED HOUR CONSTRUCTION) 7:00 A.M.-10:00 P.M. MONDAY-SATURDAY.

PHASE E3: SHIFT TRAFFIC TO NORTH CURB LINE ON SANTA CLARA. BUILD SOUTH SIDE INLETS AND CONNECT TO CONNECTOR PIPE TERMINALS. TRAFFIC IS ONE LANE EACH DIRECTION ON SANTA CLARA. ACCESS TO MOUNTAIN VIEW APARTMENTS IS MAINTAINED. SEE SHEET 6. (EXTENDED HOUR CONSTRUCTION) 7:00 A.M.-10:00 P.M. MONDAY-SATURDAY.

ADD DETOUR SIGNING AS SHOWN ON PLAN SHEETS 19-22 FOR PHASES E1 THRU E3.

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Condore Construction, Inc.

*Craig W. Hoover* NMPE 11848



0 150 300 600  
SCALE: 1" = 300'

Bohannon & Huston

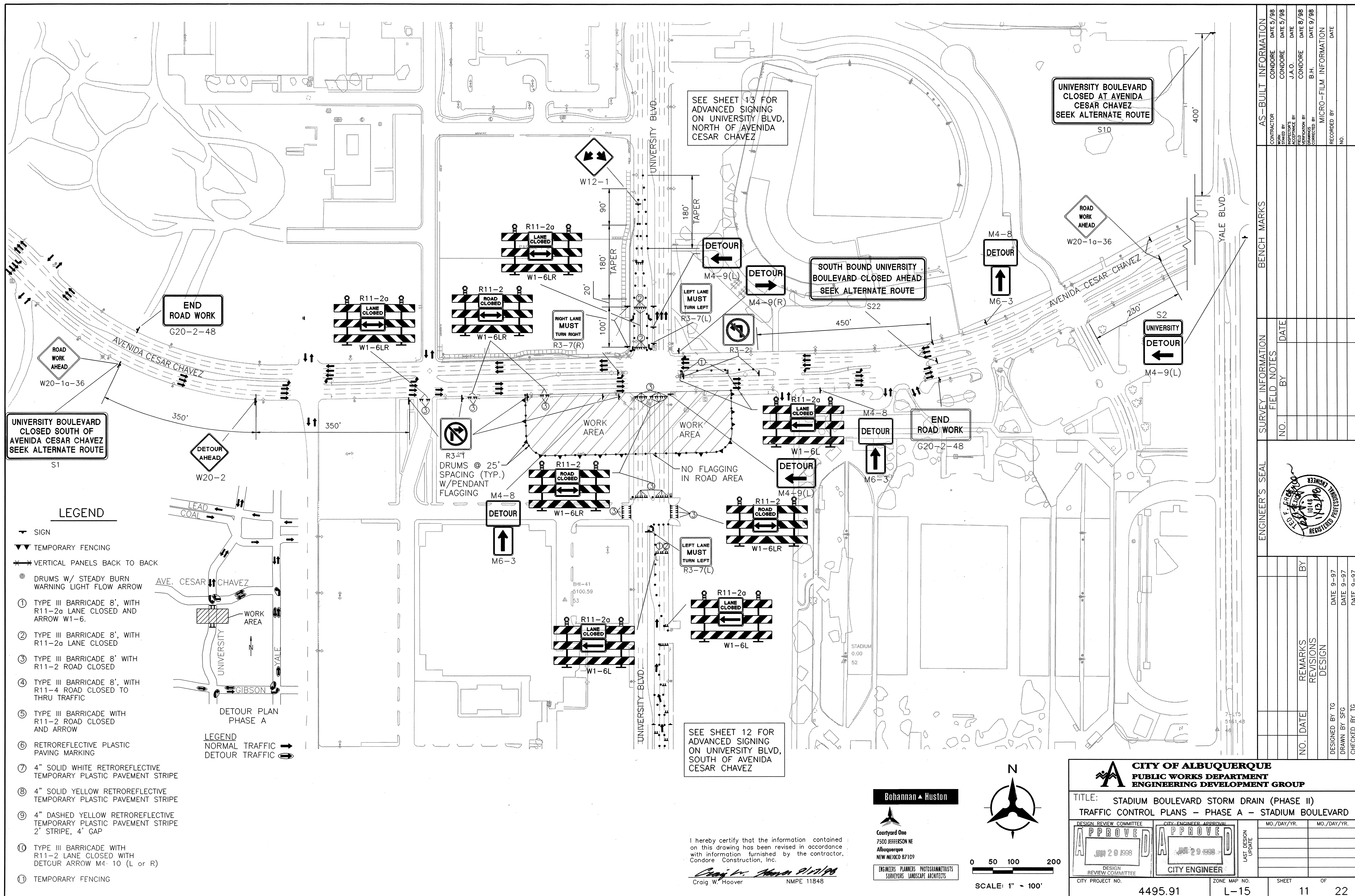


<b>CITY OF ALBUQUERQUE</b> <b>PUBLIC WORKS DEPARTMENT</b> <b>ENGINEERING DEVELOPMENT GROUP</b>			
TITLE: STORM BOULEVARD STORM DRAIN TRAFFIC CONTROL PLAN-SEQUENCE OF CONSTRUCTION			
DESIGN REVIEW COMMITTEE <b>APPROVED</b> JUN 29 1998	CITY ENGINEER APPROVAL <b>APPROVED</b> JUN 29 1998	MO./DAY/YR.	MO./DAY/YR.
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
CITY PROJECT NO. 4495.91	ZONE MAP NO. L-15	SHEET 10	OF 22

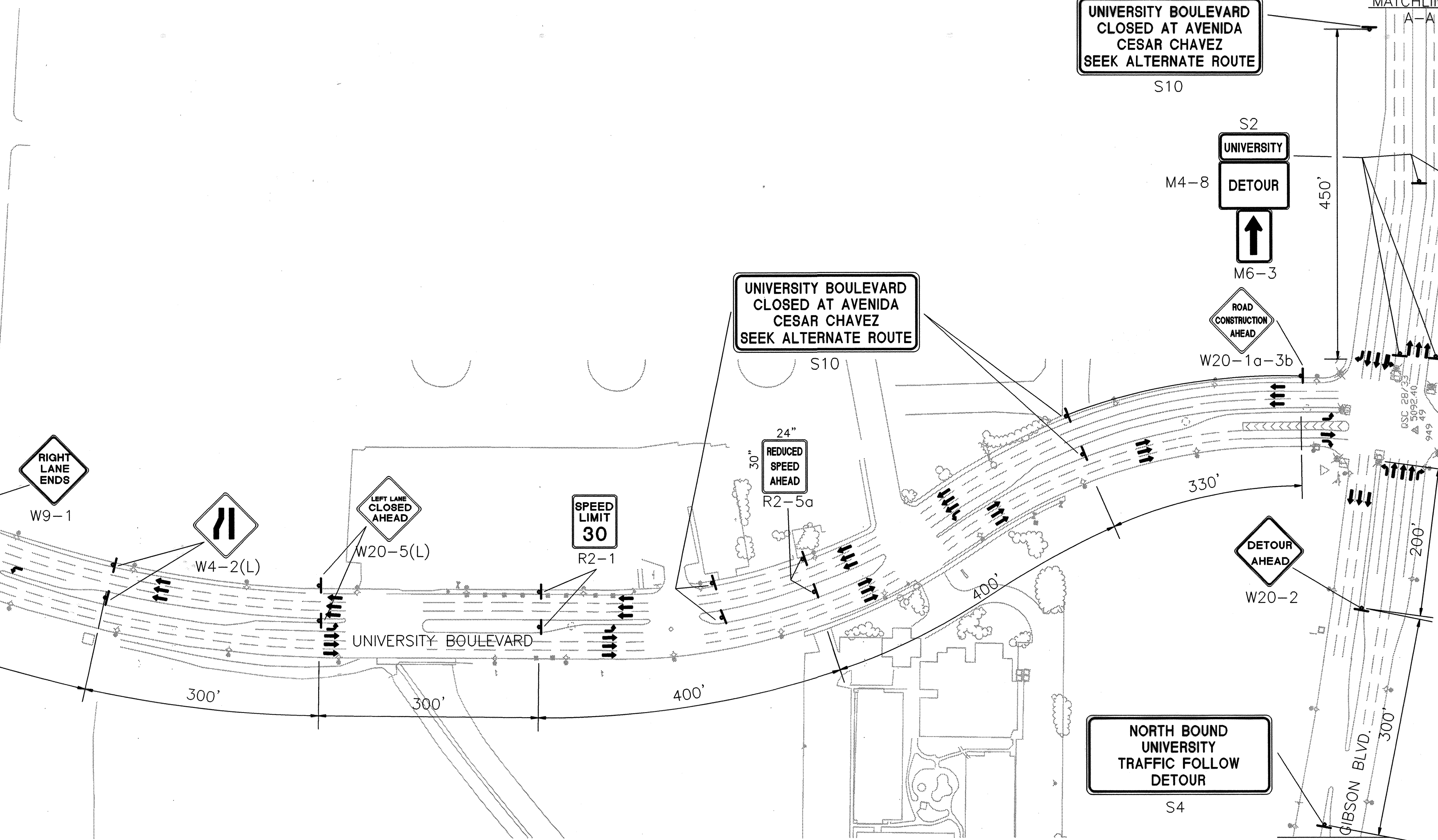
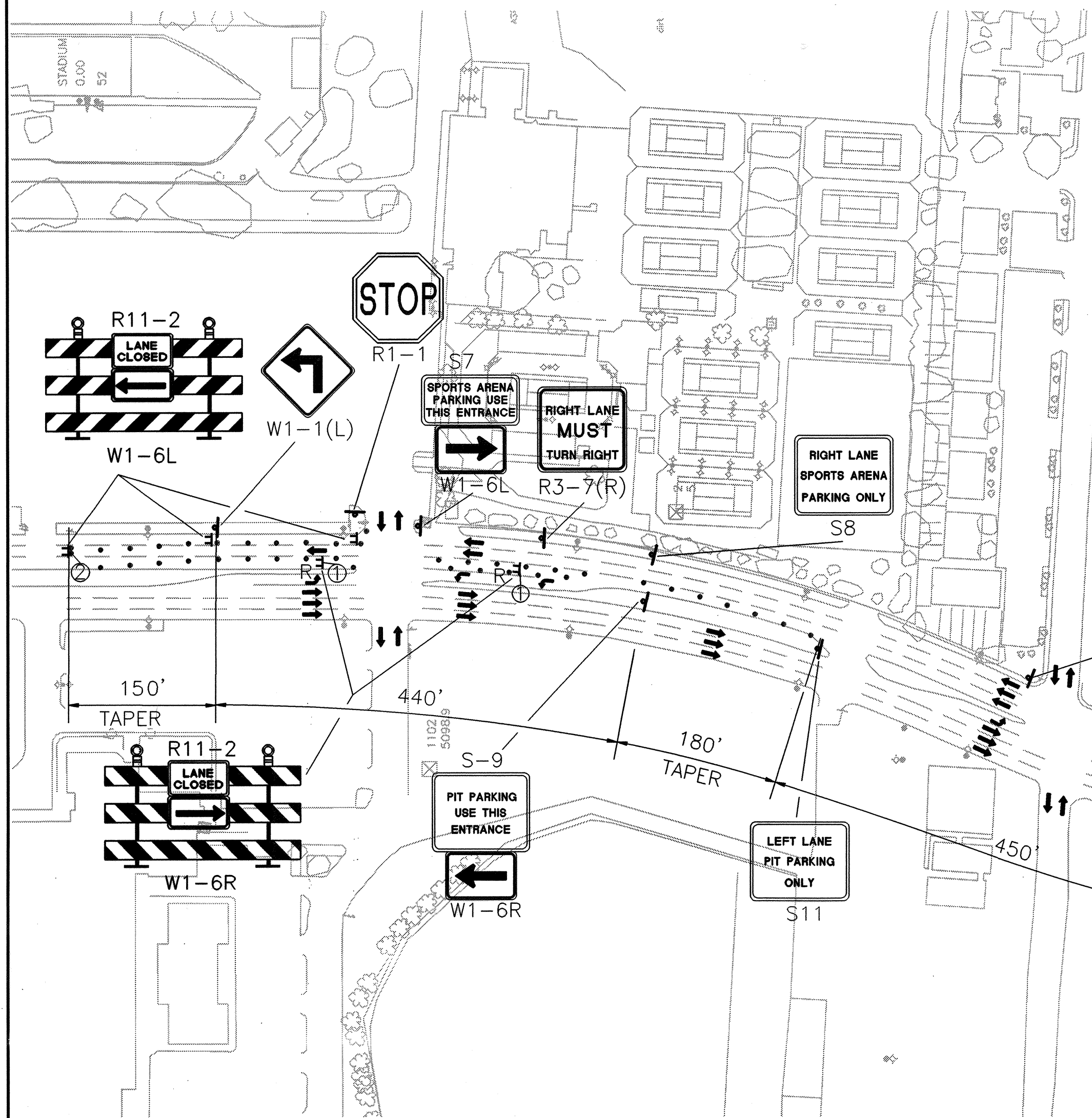


SURVEY INFORMATION		FIELD NOTES		BENCH MARKS		AS-BUILT INFORMATION	
NO.	DATE	BY	DATE			CONTRACTOR	DATE 5/98
						CONDORE	DATE 5/98
						WORK STARTED BY	DATE
						FIELD ACCEPTANCE BY	J.A.O. DATE
						FIELD DRAWN BY	DATE 8/98
						CONDUCTED BY	B.H. DATE 8/98
						RECORDED BY	DATE
						NO.	DATE





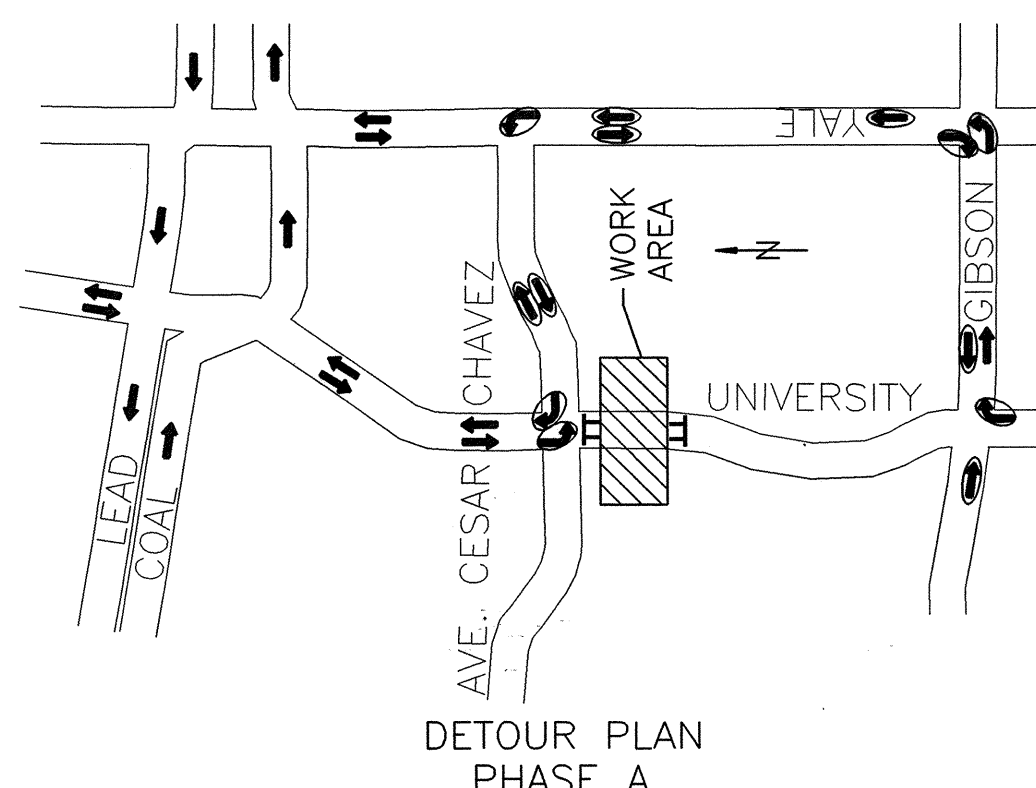




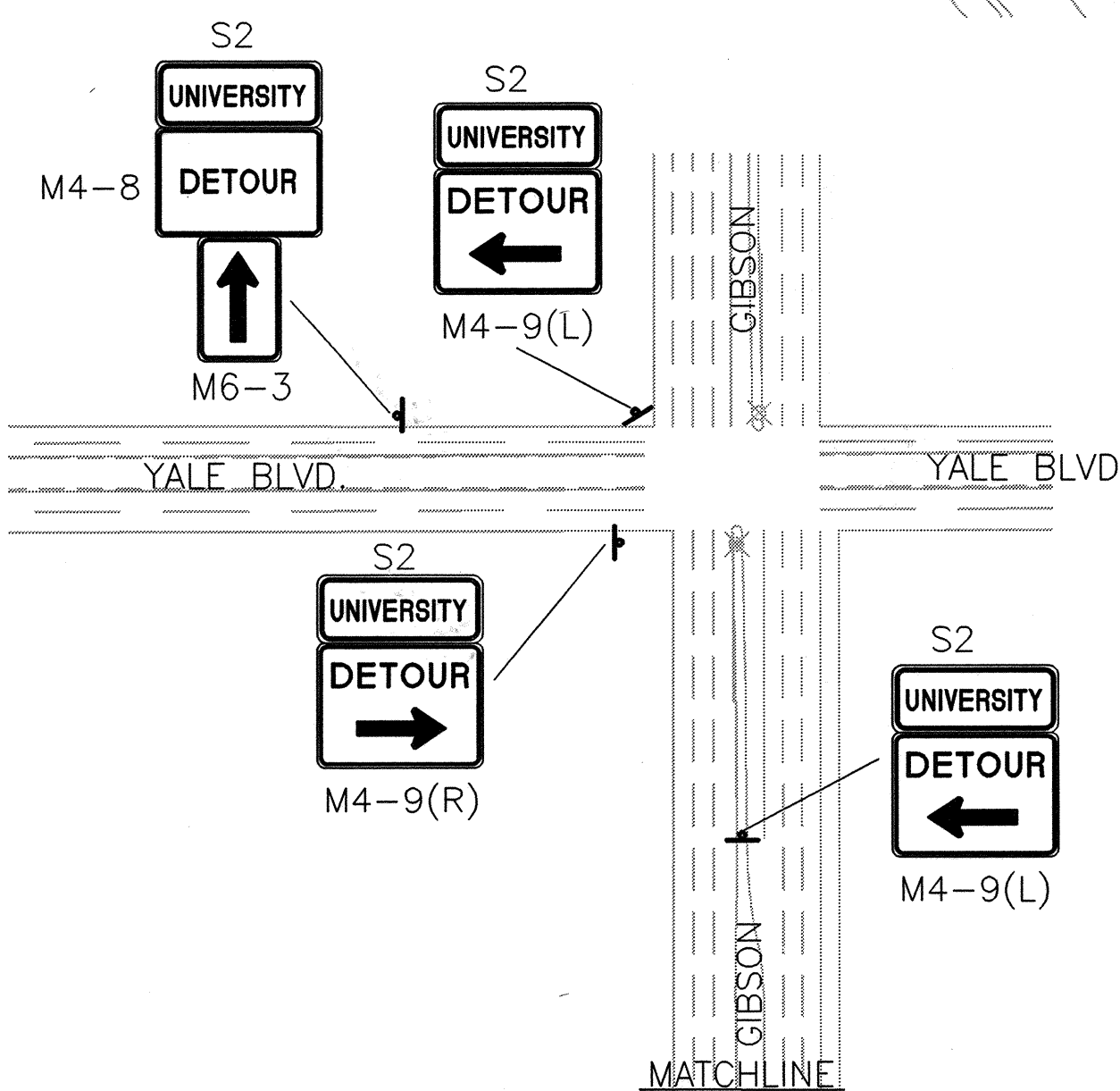
AS-BUILT INFORMATION		CONTRACTOR		CONDORE		DATE	
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WORK	CONDORE	DATE	DATE	WORK	CONDORE	DATE	DATE
STAMPED BY	CONDORE	DATE	DATE	STAMPED BY	CONDORE	DATE	DATE
FIELD	CONDORE	DATE	DATE	FIELD	CONDORE	DATE	DATE
REVISION	CONDORE	DATE	DATE	REVISION	CONDORE	DATE	DATE
DATE	CONDORE	DATE	DATE	DATE	CONDORE	DATE	DATE
NO.	CONDORE	DATE	DATE	NO.	CONDORE	DATE	DATE

# LEGEND

- SIGN
- TEMPORARY FENCING
- VERTICAL PANELS BACK TO BACK
- DRUMS W/ STEADY BURN WARNING LIGHT FLOW ARROW
- ① TYPE III BARRICADE 8' WITH R11-2a LANE CLOSED AND ARROW W1-6.
- ② TYPE III BARRICADE 8' WITH R11-2a LANE CLOSED
- ③ TYPE III BARRICADE 8' WITH R11-2 ROAD CLOSED
- ④ TYPE III BARRICADE 8' WITH R11-4 ROAD CLOSED TO THRU TRAFFIC
- ⑤ TYPE III BARRICADE WITH R11-2 ROAD CLOSED AND ARROW
- ⑥ RETROREFLECTIVE PLASTIC PAVING MARKING
- ⑦ 4" SOLID WHITE RETROREFLECTIVE TEMPORARY PLASTIC PAVEMENT STRIPE
- ⑧ 4" SOLID YELLOW RETROREFLECTIVE TEMPORARY PLASTIC PAVEMENT STRIPE
- ⑨ 4" DASHED YELLOW RETROREFLECTIVE TEMPORARY PLASTIC PAVEMENT STRIPE 2' STRIPE, 4' GAP
- ⑩ TYPE III BARRICADE WITH R11-2 LANE CLOSED WITH DETOUR ARROW M4-10 (L or R)
- ⑪ TEMPORARY FENCING



LEGEND  
NORMAL TRAFFIC  
DETOUR TRAFFIC



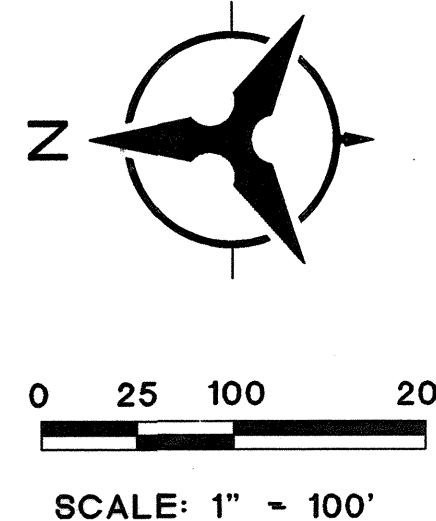
UNIVERSITY BOULEVARD  
CLOSED AT AVENIDA  
CESAR CHAVEZ  
SEEK ALTERNATE ROUTE

UNIVERSITY BOULEVARD  
CLOSED AT AVENIDA  
CESAR CHAVEZ  
SEEK ALTERNATE ROUTE

UNIVERSITY BOULEVARD  
CLOSED AT AVENIDA  
CESAR CHAVEZ  
SEEK ALTERNATE ROUTE

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Condore Construction, Inc.

Craig W. Hoover NMPE 11848



Bohannon & Huston

Courtyard One  
7500 JEFFERSON NE  
Albuquerque  
NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS  
SURVEYORS LANDSCAPE ARCHITECTS

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: STADIUM BOULEVARD STORM DRAIN (PHASE II)  
TRAFFIC CONTROL PLANS - PHASE A - UNIVERSITY BOULEVARD

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED	APPROVED		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
4495.91	L-15	12	22



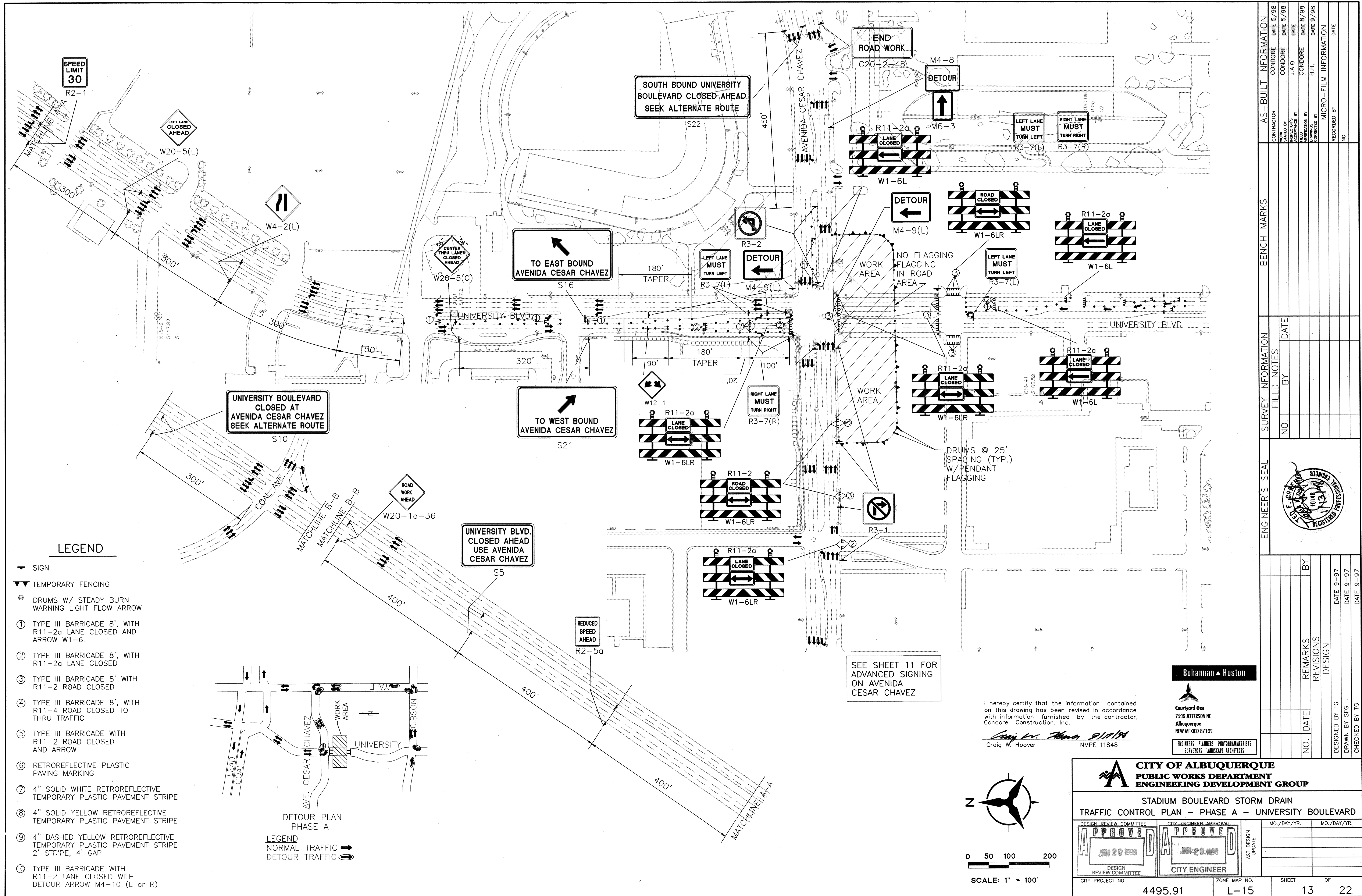
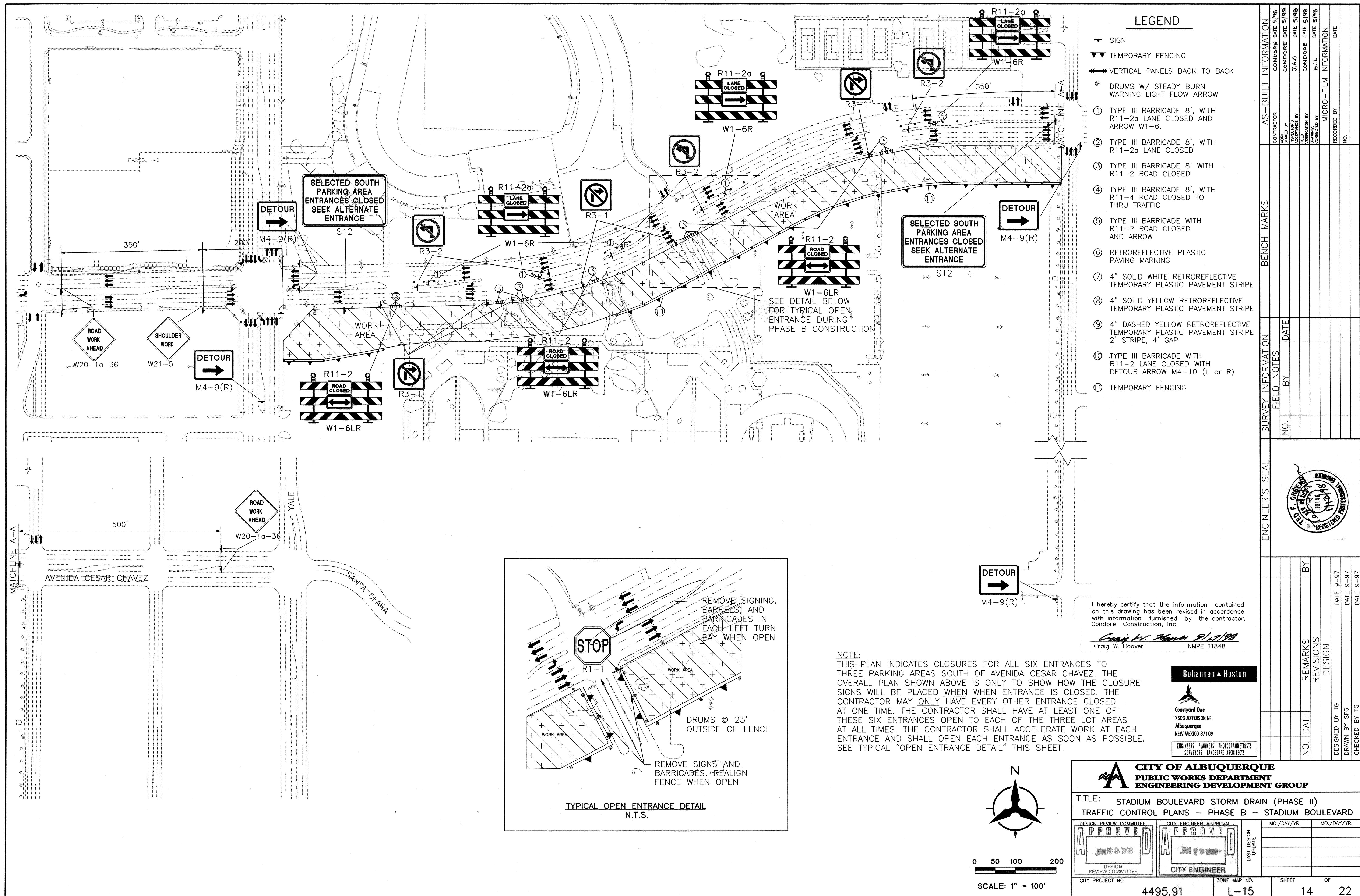


Table with 4 main sections: AS-BUILT INFORMATION, BENCH MARKS, SURVEY INFORMATION, and ENGINEER'S SEAL. It contains fields for contractor, date, and various approval signatures.

City of Albuquerque Public Works Department Engineering Development Group. Stadium Boulevard Storm Drain Traffic Control Plan - Phase A - University Boulevard. Includes approval stamps and project details.

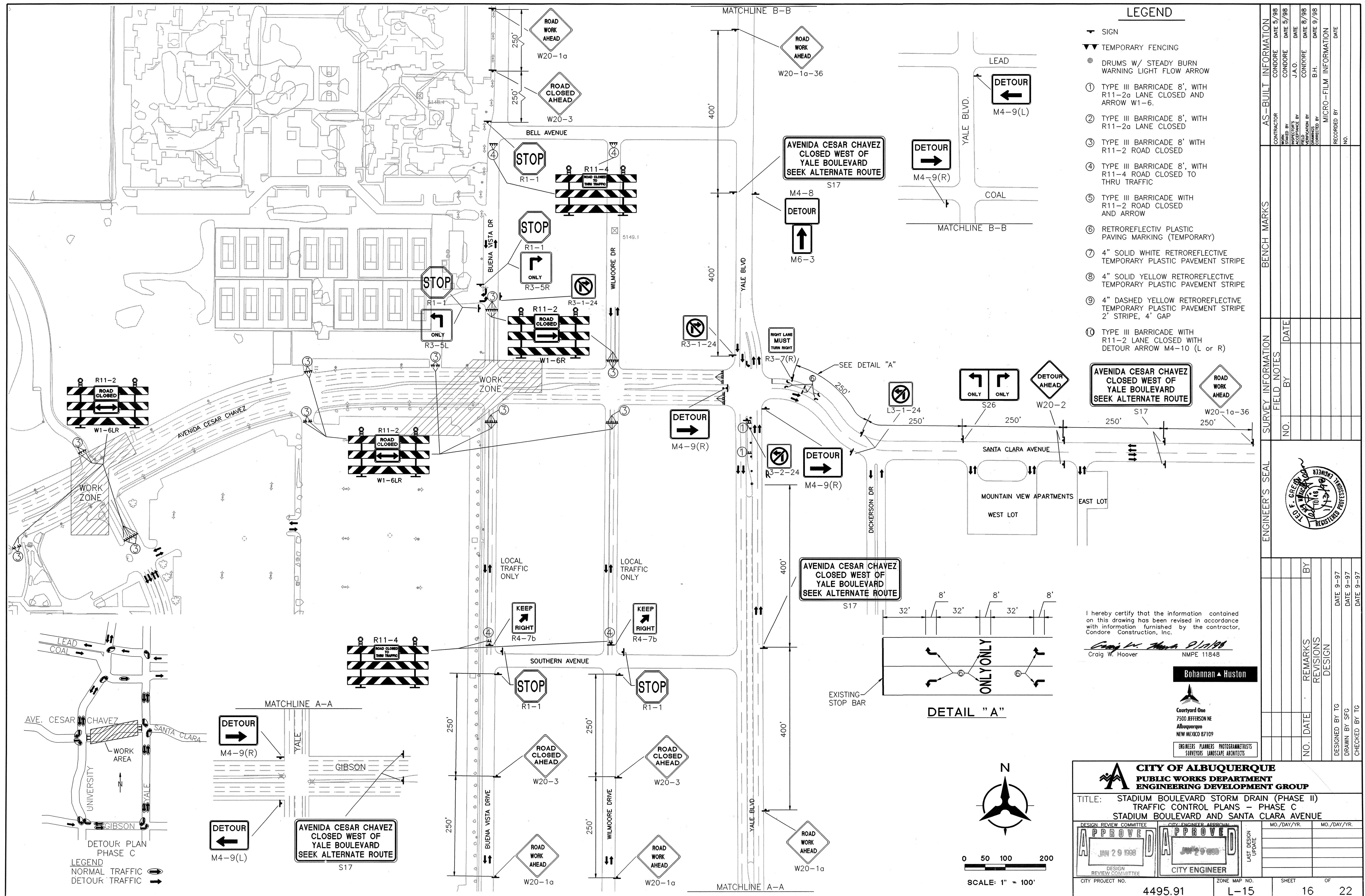




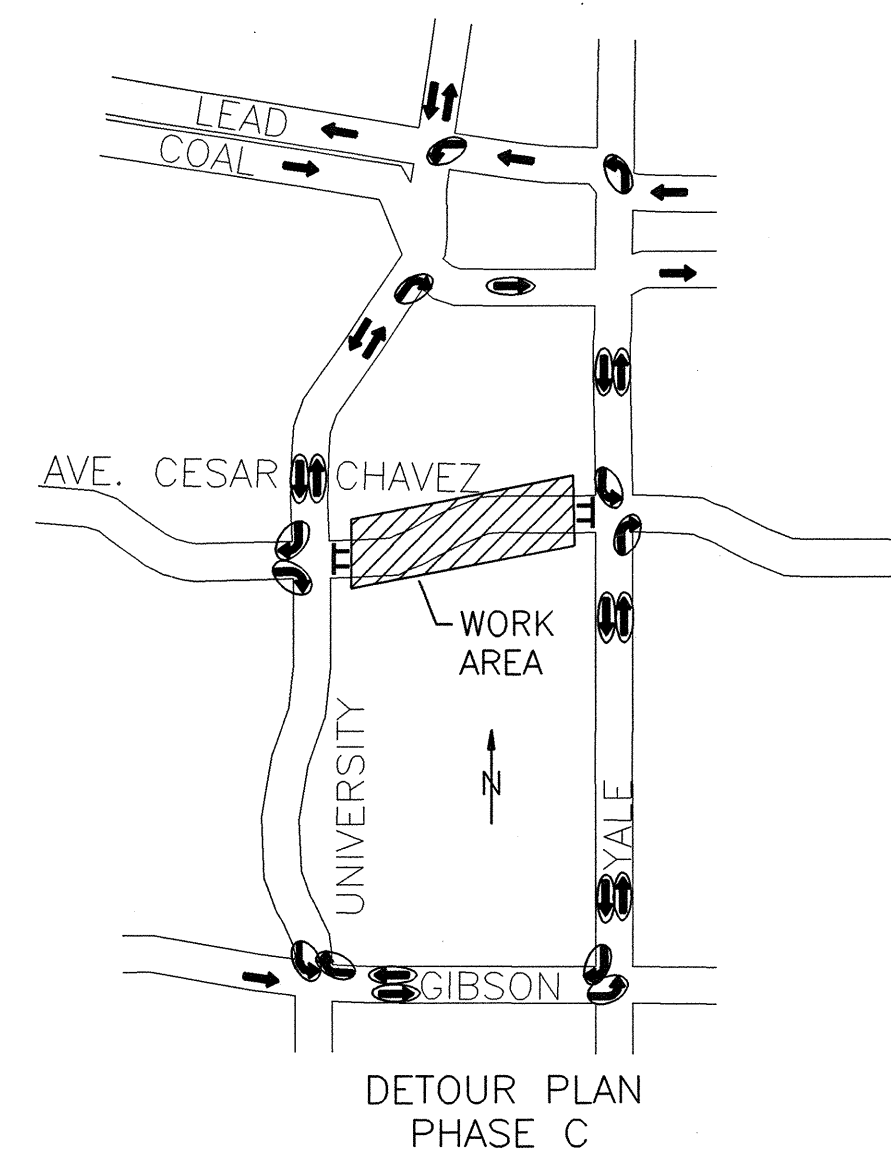












## LEGEND

▼ SIGN

▼▼ FENCING

⊗ DRUMS W/ STEADY BURN  
WARNING LIGHT FLOW ARROW

① TYPE III BARRICADE 8', WITH  
R11-2a LANE CLOSED AND  
ARROW W1-6.

② TYPE III BARRICADE 8', WITH  
R11-2a LANE CLOSED

③ TYPE III BARRICADE 8' WITH  
R11-2 ROAD CLOSED

④ TYPE III BARRICADE 8', WITH  
R11-4 ROAD CLOSED TO  
THRU TRAFFIC

⑤ TYPE III BARRICADE WITH  
R11-2 ROAD CLOSED  
AND ARROW

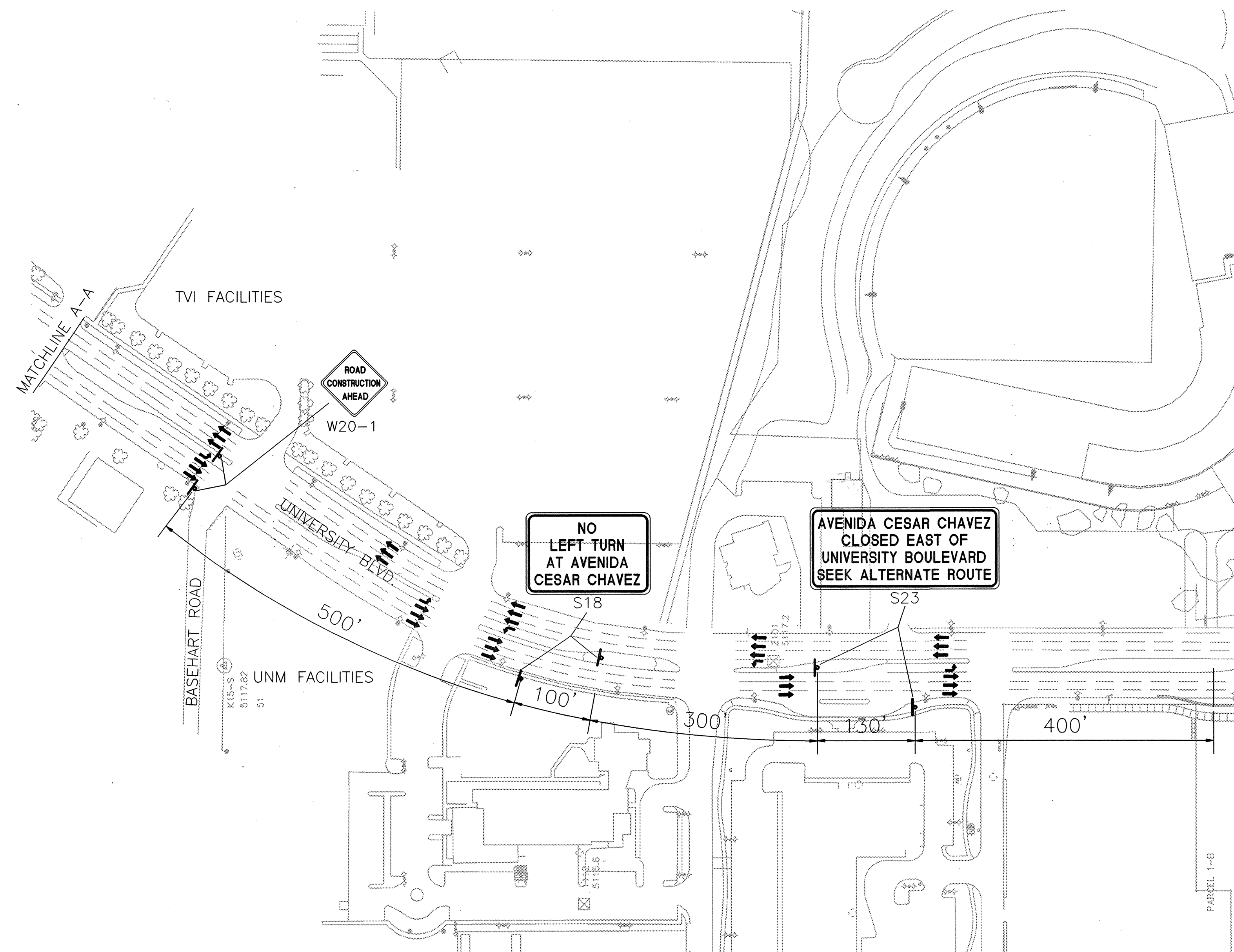
⑥ RETROREFLECTIVE PLASTIC  
PAVING MARKING

⑦ 4" SOLID WHITE RETROREFLECTIVE  
TEMPORARY PLASTIC PAVEMENT STRIPE

⑧ 4" SOLID YELLOW RETROREFLECTIVE  
TEMPORARY PLASTIC PAVEMENT STRIPE

⑨ 4" DASHED YELLOW RETROREFLECTIVE  
TEMPORARY PLASTIC PAVEMENT STRIPE  
2' STRIPE, 4' GAP

⑩ TYPE III BARRICADE WITH  
R11-2 LANE CLOSED WITH  
DETOUR ARROW M4-10 (L or R)



I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Condore Construction, Inc.

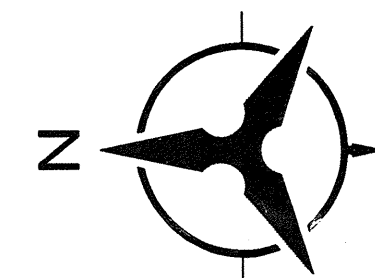
Craig W. Hoover 9/17/98  
Craig W. Hoover NMPE 11848

Bohannon ▲ Huston




**Courtyard One**  
7500 JEFFERSON NE  
Albuquerque  
NEW MEXICO 87109

ENGINEERS PLANNERS PHOTOGRAMMETRISTS  
SURVEYORS LANDSCAPE ARCHITECTS



SCALE: 1" = 100'

						ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION							
								FIELD NOTES											
								BY		DATE									
								NO.											
												CONTRACTOR		CONDORE		DATE 5/98			
														WORK STARTED BY		CONDORE		DATE 5/98	
														INSPECTION BY		J.A.O.		DATE	
														FIELD DRAWING BY		CONDORE		DATE 8/98	
														DRAWINGS		B.H.		DATE 9/98	
														CORRECTED BY				MICRO-FILM INFORMATION	
														RECORDED BY				DATE	
														NO.					

DESIGNED BY TG

DATE 9--97

DRAWN BY SFG

DATE 9--97

CHECKED BY TG

DATE 9--97

**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING DEVELOPMENT GROUP**

TITLE:	STADIUM STORM DRAIN (PHASE II)
	TRAFFIC CONTROL PLANS - PHASE C - UNIVERSITY BOULEVARD

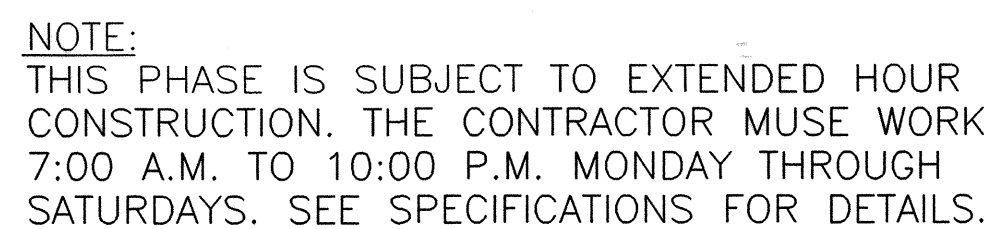
DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		MO./DAY/YR.		MO./DAY/YR.	
APPROVED		APPROVED		LAST DESIGN UPDATE			
JAN 29 1998		JAN 29 1998					
DESIGN REVIEW COMMITTEE		CITY ENGINEER					

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
4495.91	1-15	17	22









- | AS-BUILT INFORMATION   |         |           |  |
|------------------------|---------|-----------|--|
| CONTRACTOR             | CONDORE | DATE 5/98 |  |
| WORK PERFORMED BY      | CONDORE | DATE 5/98 |  |
| DESIGNED BY            | J.A.O.  | DATE      |  |
| FIELD VERIFICATION BY  | CONDORE | DATE 8/98 |  |
| REVISIONS BY           |         |           |  |
| CORRECTED BY           | B.H.    | DATE 9/98 |  |
| MICRO-FILM INFORMATION |         |           |  |
| RECORDED BY            |         | DATE      |  |
| NO.                    |         |           |  |

The site plan for Mountain View Apartments shows a rectangular building with a central entrance. The building is surrounded by a parking lot with several spaces. The setbacks are indicated as 32' from the front and side property lines, and 8' from the rear property line. A north arrow is located in the upper left corner. In the foreground, a large 'ONLY ONLY' sign is visible, oriented vertically.

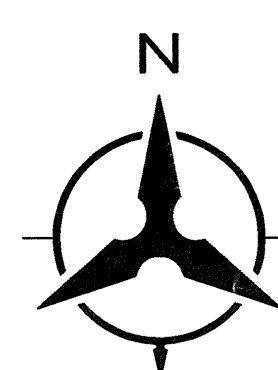
EXISTING STOP BAR

DETAIL "A"


8' 32' 8' 32' 8' 32'

ONLY

DETAIL "B"



0 50 100 200



SCALE: 1" = 100'

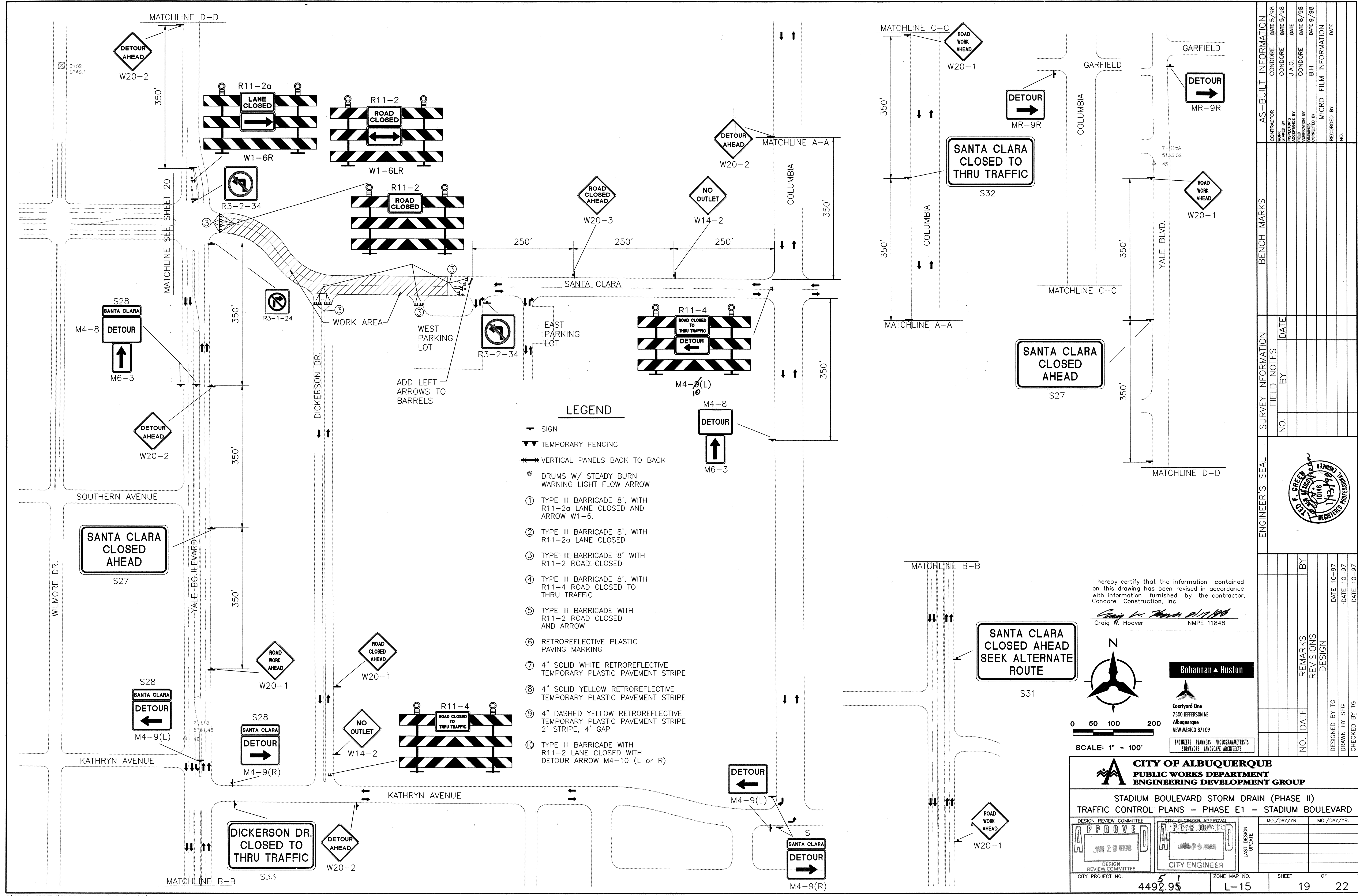
I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor Conadore Construction, Inc.

Craig W. Hoover 9/17/98  
Craig W. Hoover NMPE 11848

DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL		LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
APPROVE		APPROVE				
JUN 29 1998		JUN 29 1998				
DESIGN REVIEW COMMITTEE		CITY ENGINEER				

4495 91	ZONE MAP NO. 1-15	SHEET 18A	OF 22
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AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE 5/98	CONDORE	DATE 5/98	NO.	DATE		REMARKS REVISIONS DESIGN
WORK STARTED BY	DATE 5/98	CONDORE	DATE 5/98	BY	DATE		
WORK STOPPED BY	DATE 5/98	J.A.O.	DATE 5/98	NO.	DATE		
FIELD CORRECTIONS BY	DATE 5/98	CONDORE	DATE 5/98	NO.	DATE		
REVISIONS BY	DATE 5/98	CONDORE	DATE 5/98	NO.	DATE	DESIGNED BY TG	DATE 10-97
CORRECTED BY	DATE 5/98	B.H.	DATE 5/98	NO.	DATE	DRAWN BY SFG	DATE 10-97
MICRO-FILM INFORMATION		RECORDED BY		CHECKED BY TG			
		NO.					

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Condoire Construction, Inc.

*Craig W. Hoover*  
Craig W. Hoover NMPE 11848

**Bohannon & Huston**  
Courtney One  
7500 JEFFERSON NE  
Albuquerque  
NEW MEXICO 87109  
ENGINEERS PLANNERS PHOTOGRAMMETRISTS  
SURVEYORS LANDSCAPE ARCHITECTS

0 50 100 200  
SCALE: 1" = 100'

**CITY OF ALBUQUERQUE**  
**PUBLIC WORKS DEPARTMENT**  
**ENGINEERING DEVELOPMENT GROUP**

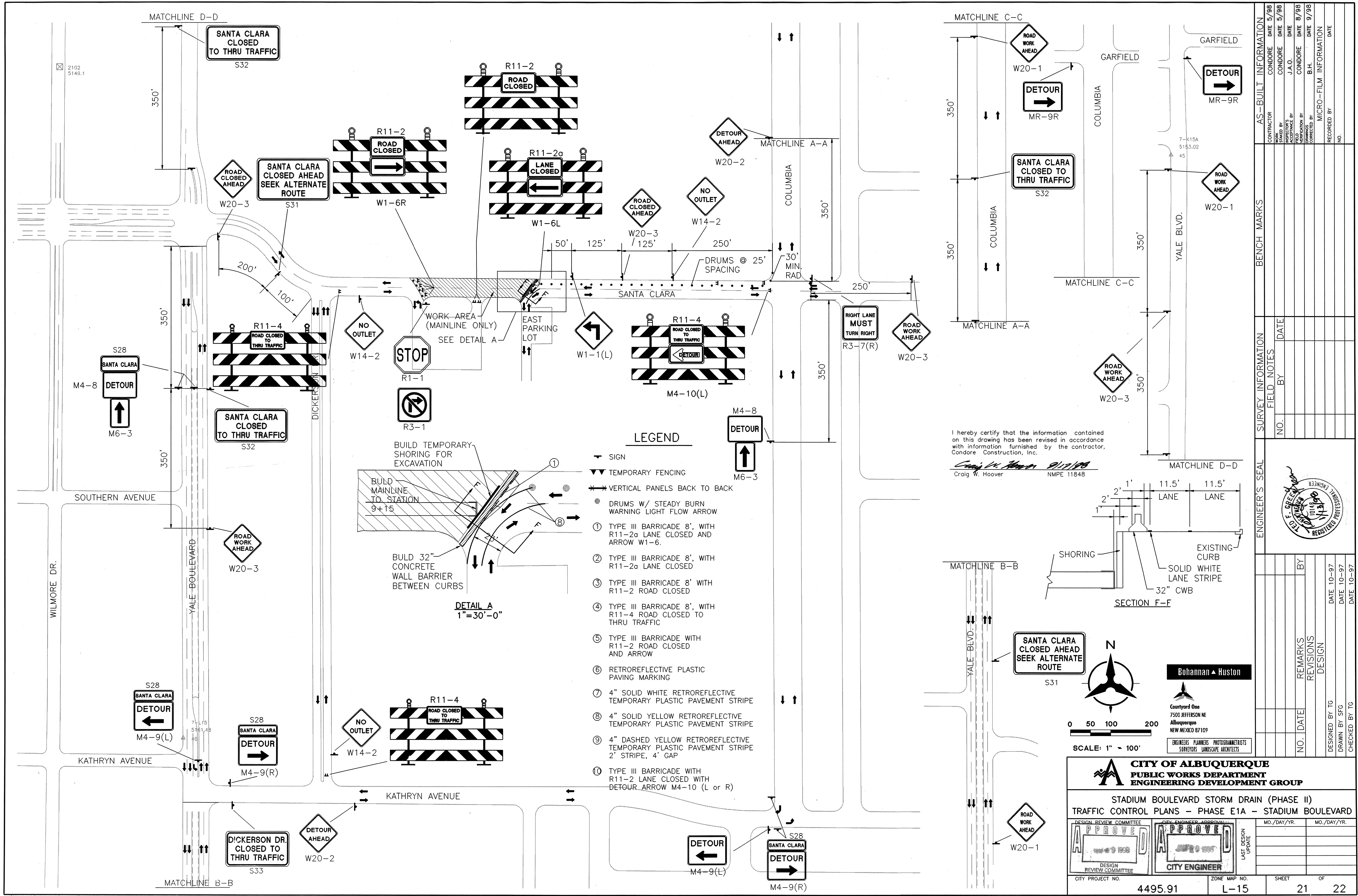
**STADIUM BOULEVARD STORM DRAIN (PHASE II)**  
**TRAFFIC CONTROL PLANS - PHASE E1 - STADIUM BOULEVARD**

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE	
CITY PROJECT NO. 4492.95	ZONE MAP NO. L-15	SHEET 19	OF 22

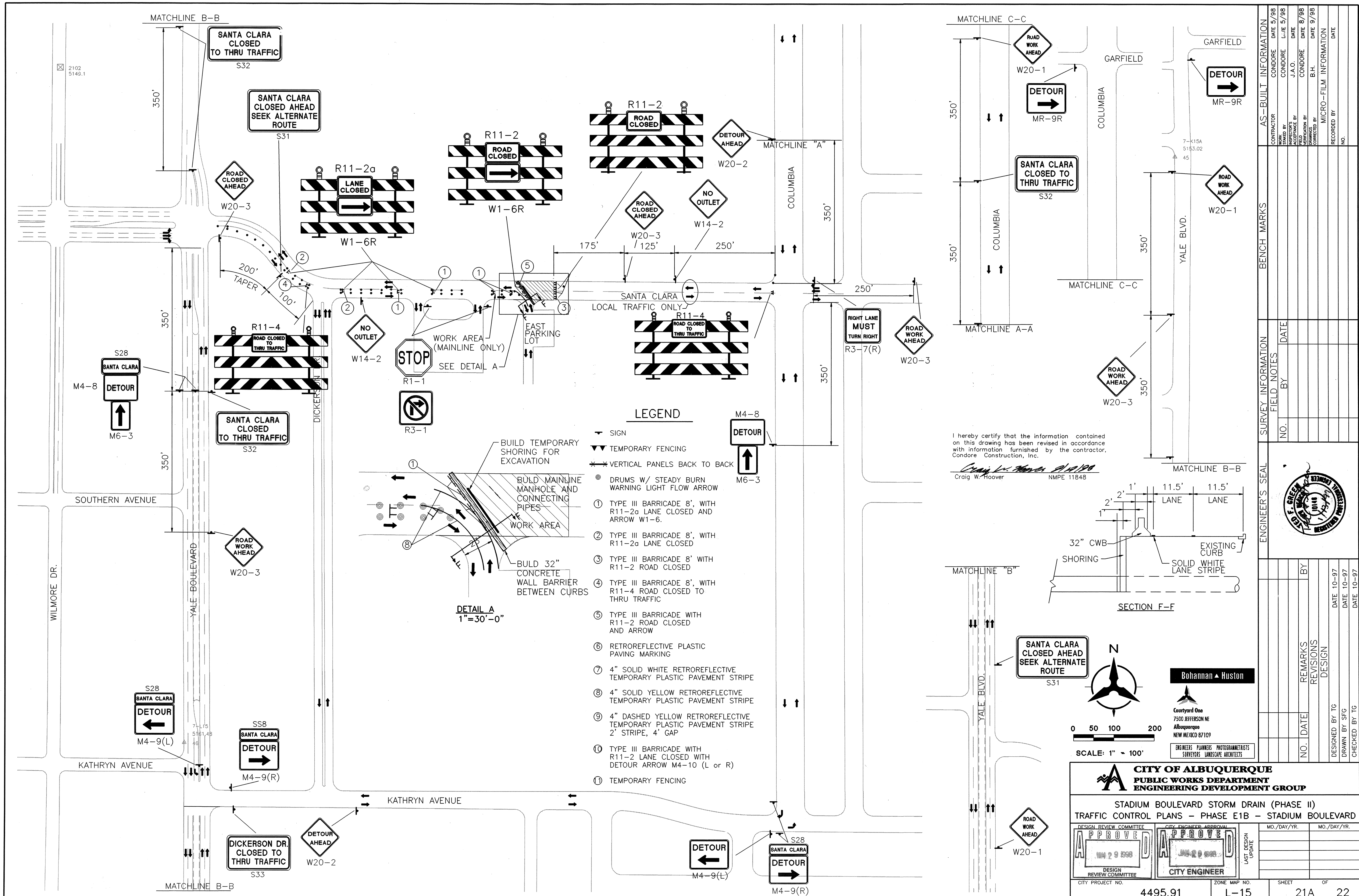










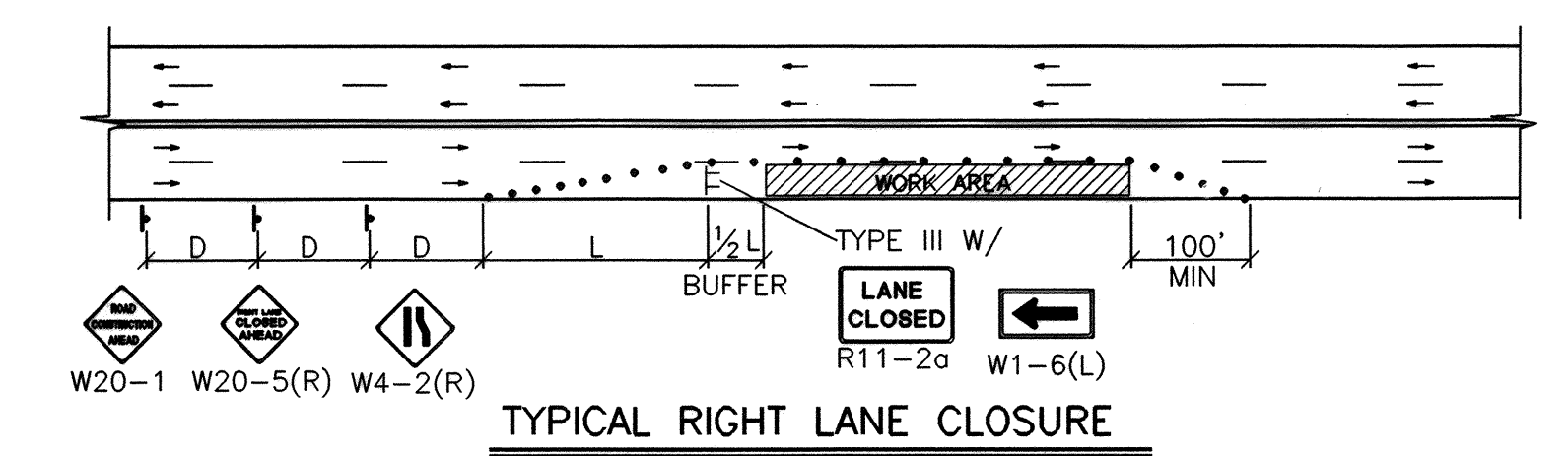




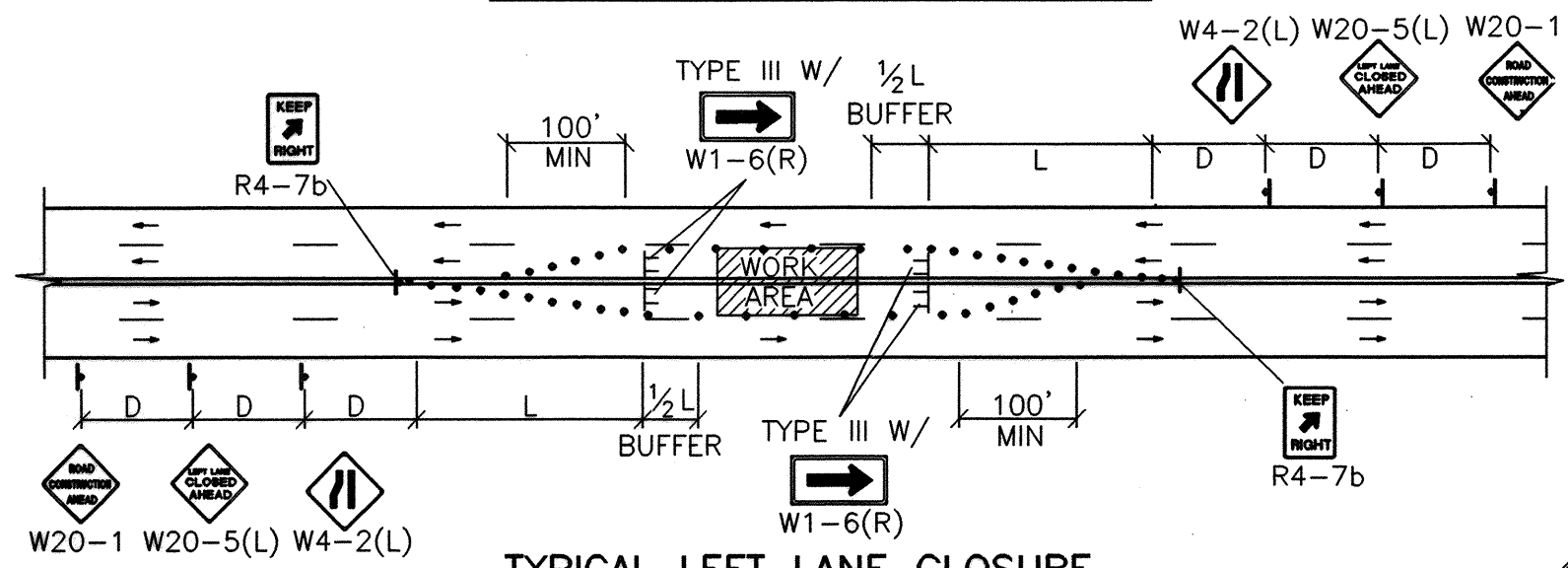


R:\93281\HYDRO\TEMP\TRAF1E2.DWG HYDROABQ.PCP 1/12/98

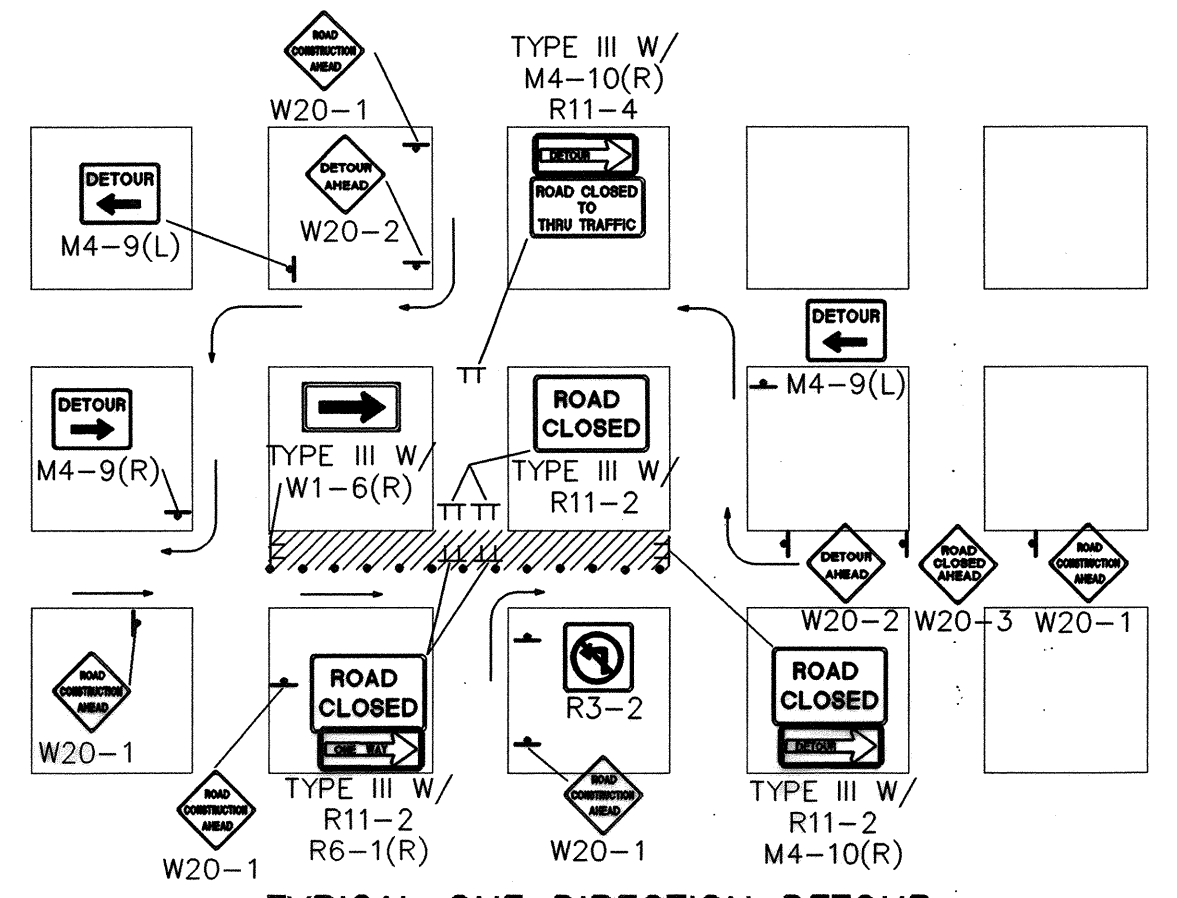




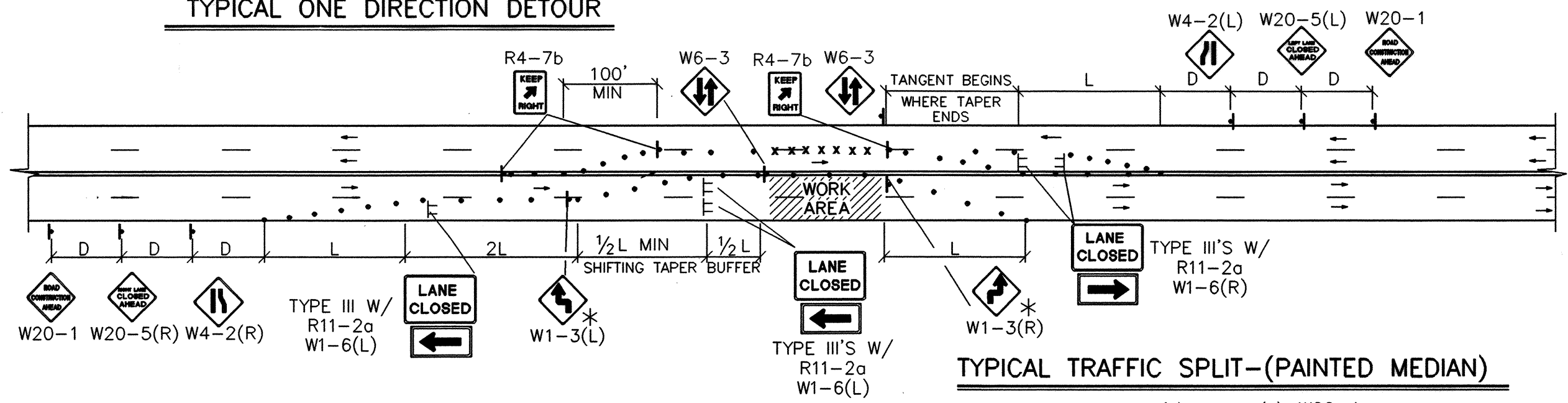
TYPICAL RIGHT LANE CLOSURE



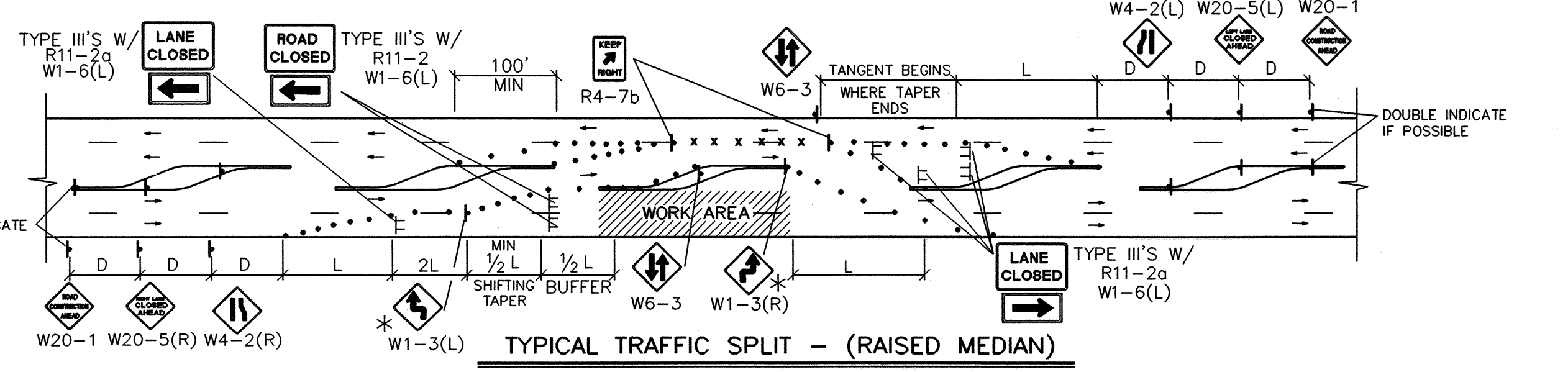
TYPICAL LEFT LANE CLOSURE



TYPICAL ONE DIRECTION DETOUR

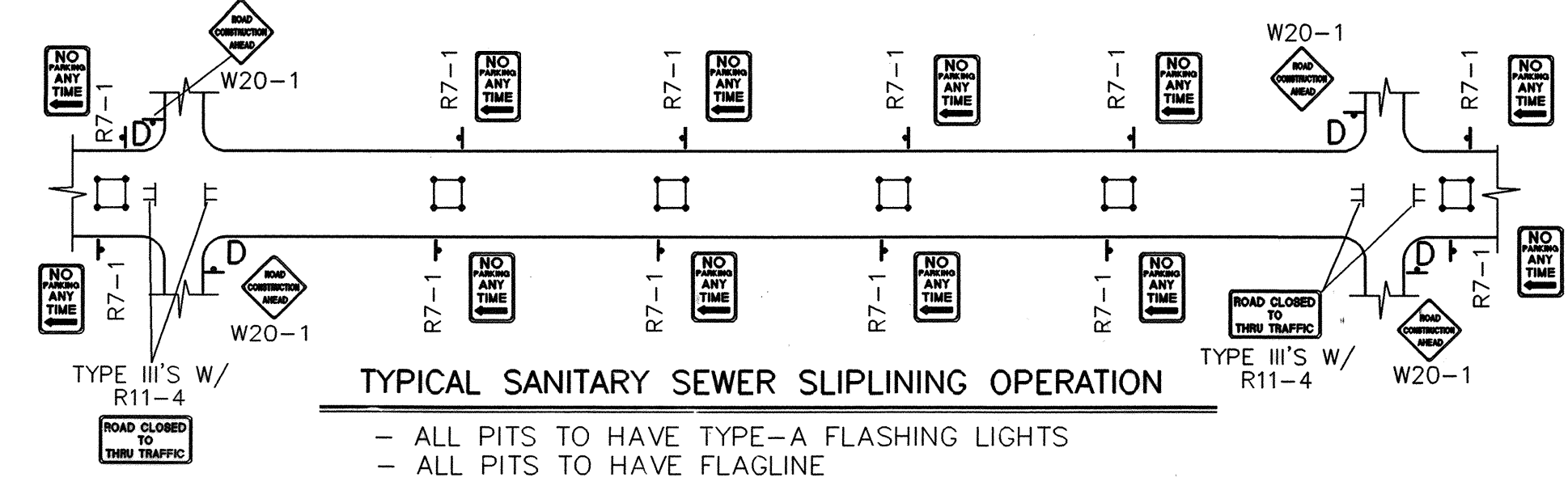


TYPICAL TRAFFIC SPLIT - (PAINTED MEDIAN)



TYPICAL TRAFFIC SPLIT - (RAISED MEDIAN)

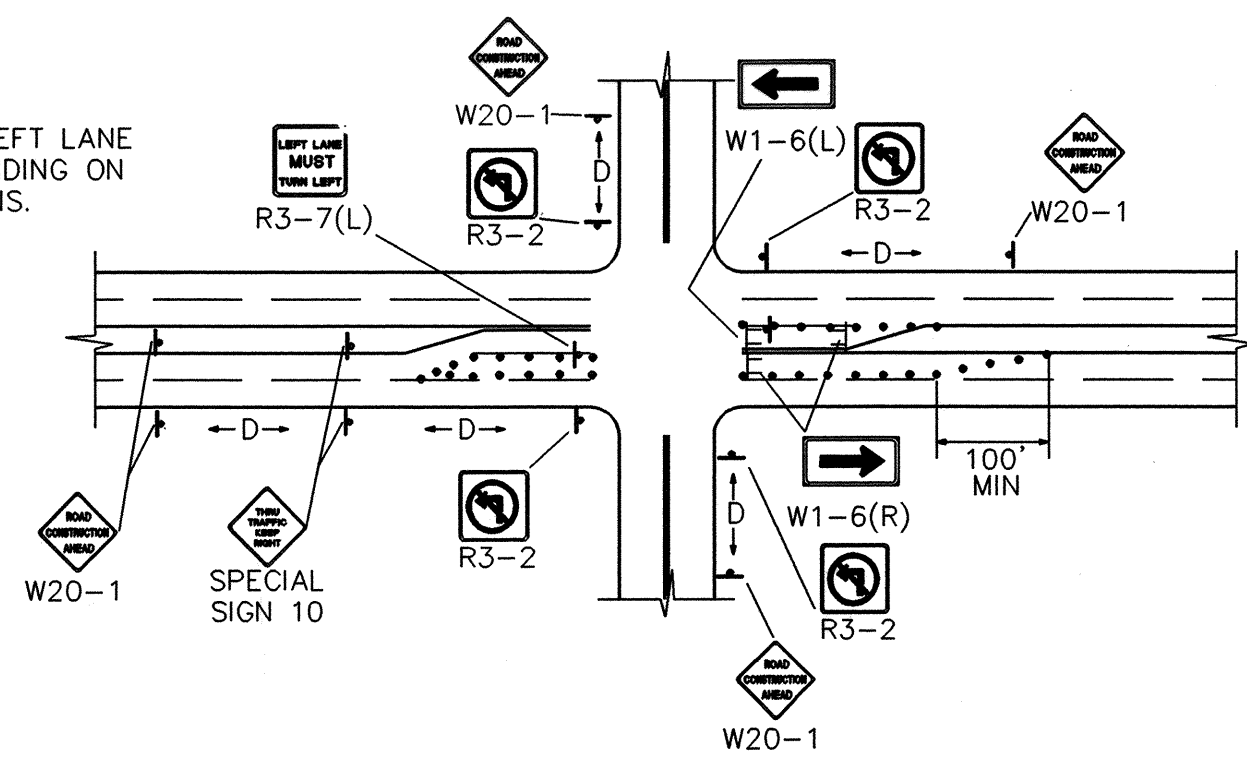
- TRAFFIC SPLIT NOTES:
1. THE OFFSET DISTANCE MUST BE CALCULATED IN ALL SHIFTING TAPERS. THE OFFSET DISTANCES SHALL INCLUDE LANE WIDTHS PLUS MEDIAN WIDTHS.
  2. 1/2 L IS THE MINIMUM DISTANCE FOR SHIFTING TAPERS.
  3. REVERSE CURVES MAY BE IMPLEMENTED. ALL CURVE DATA SHALL BE CALCULATED.
  4. MEDIAN REMOVAL SHALL BE REQUIRED IF 1/2 L OR REVERSE CURVE IS NOT SUFFICIENT. MEDIAN REMOVAL SHALL TAKE PLACE BEFORE SPLITS.
  5. REDUCED SPEED MAY BE CONSIDERED.
  6. \* USE W1-3 FOR 30 MPH OR LESS, W1-4 FOR SPEED 35 MPH OR GREATER.



TYPICAL SANITARY SEWER SLIPLINING OPERATION

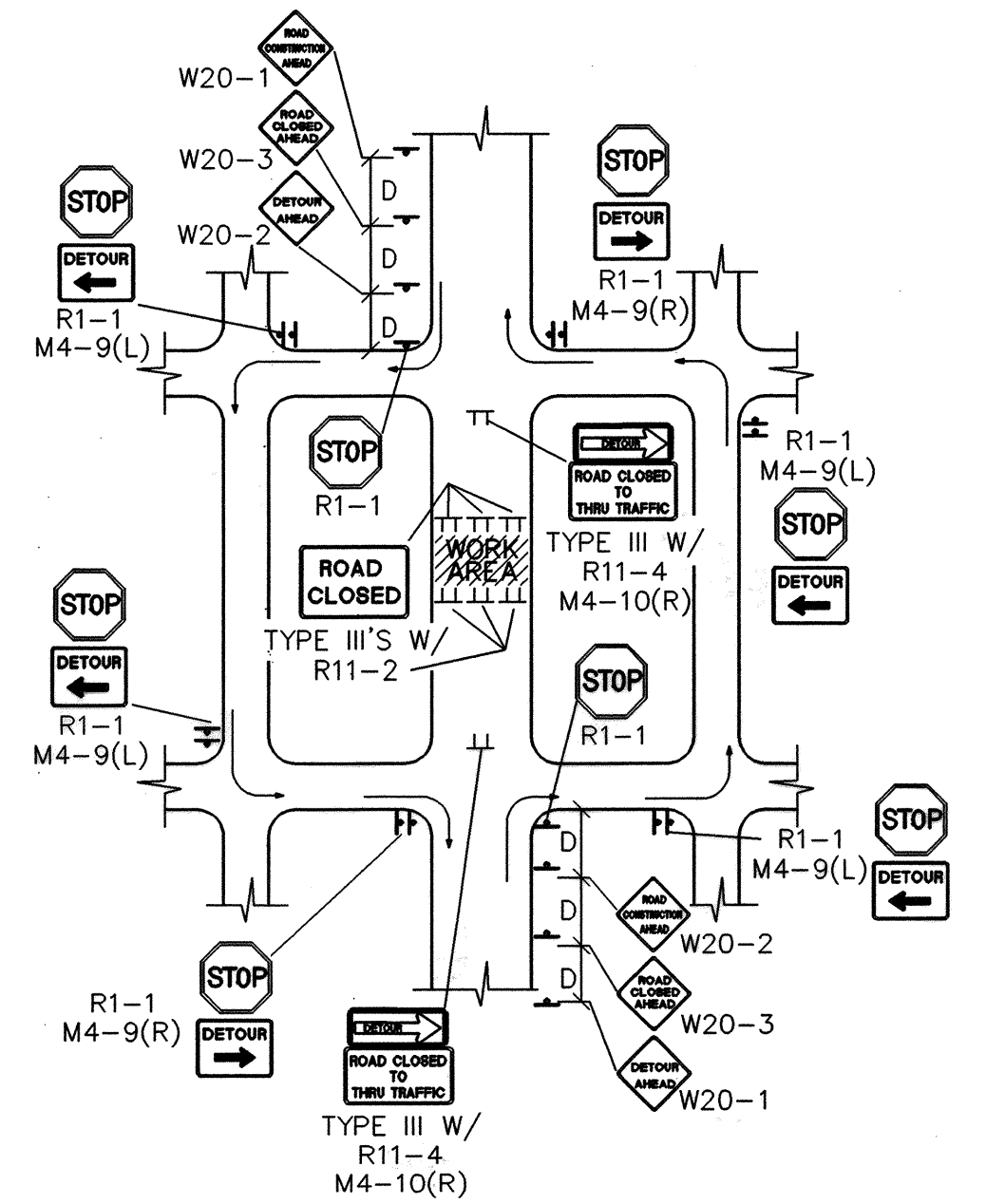
- ALL PITS TO HAVE TYPE-A FLASHING LIGHTS
- ALL PITS TO HAVE FLAGLINE

NOTE:  
MAY REQUIRE LEFT LANE  
CLOSURE DEPENDING ON  
FIELD CONDITIONS.



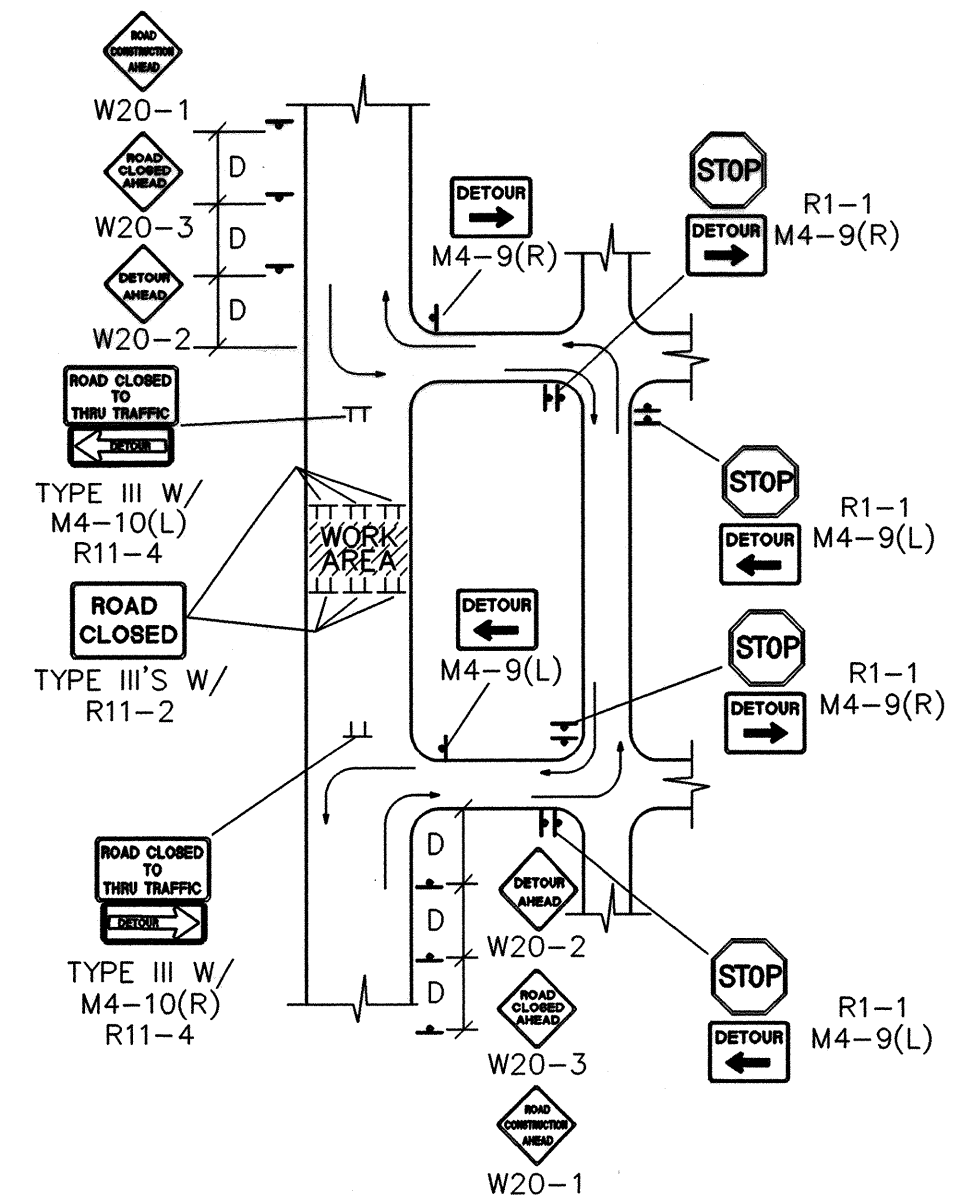
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION.



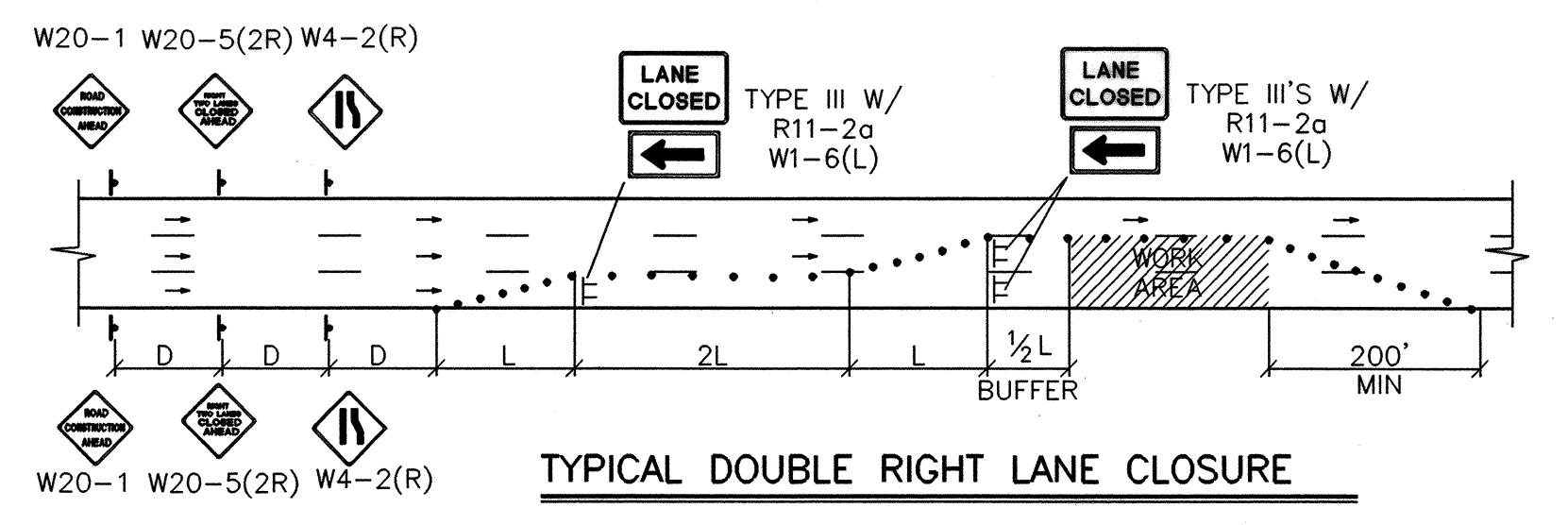
TYPICAL MID-BLOCK CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

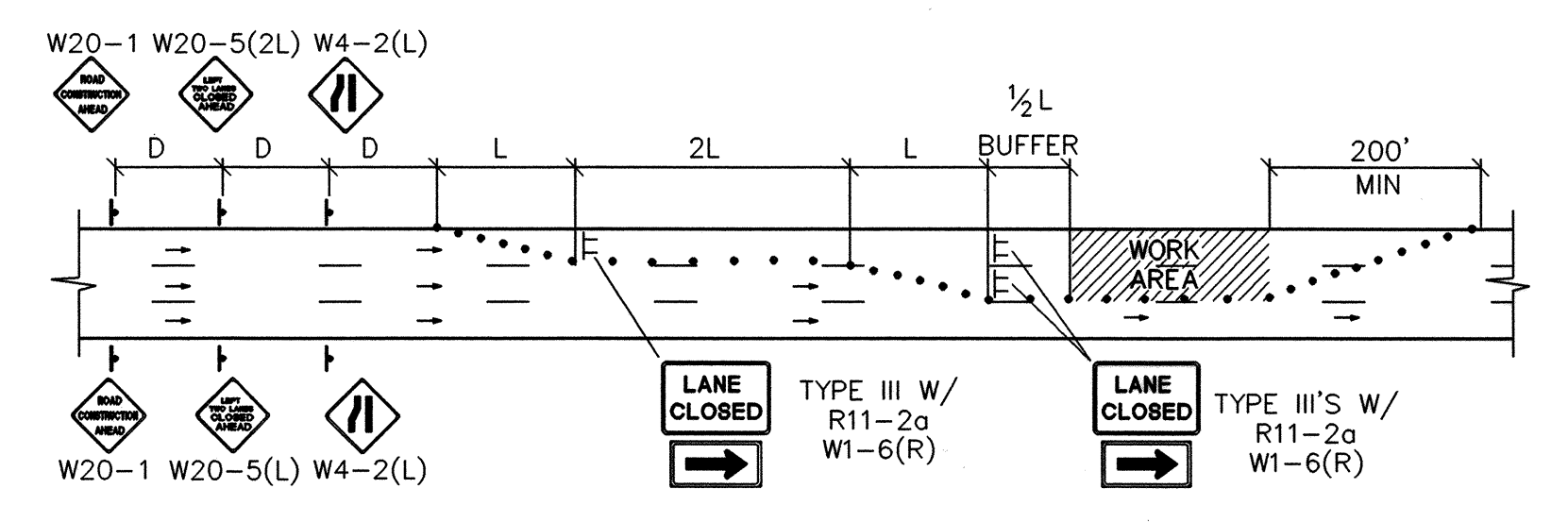


TYPICAL STREET CLOSURE

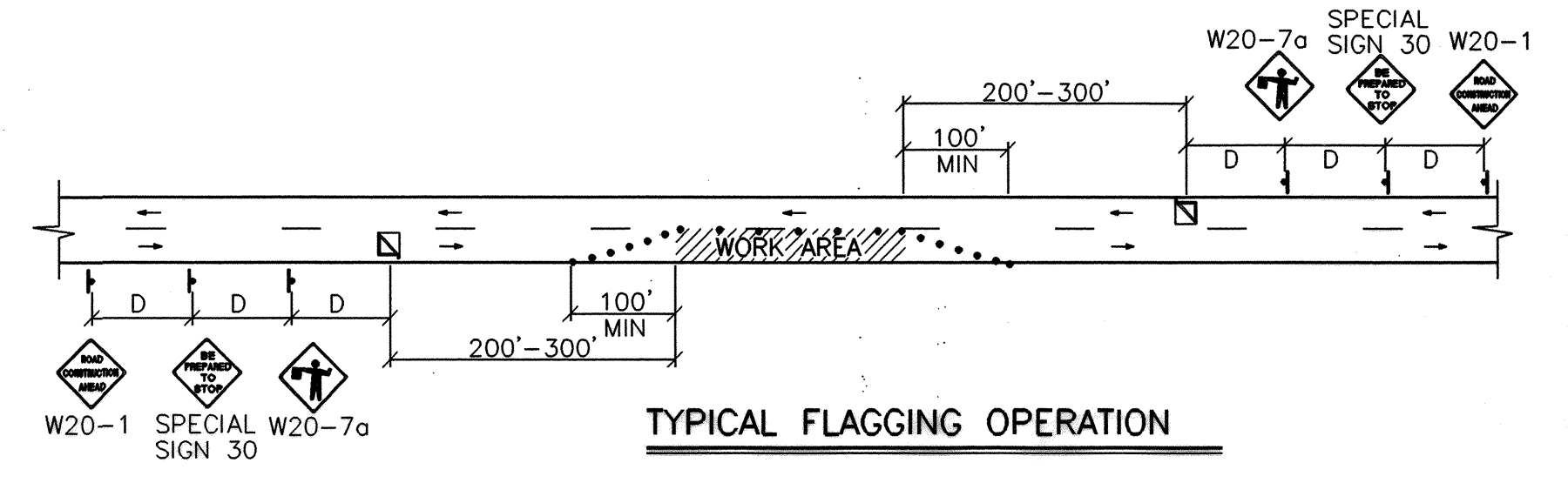
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



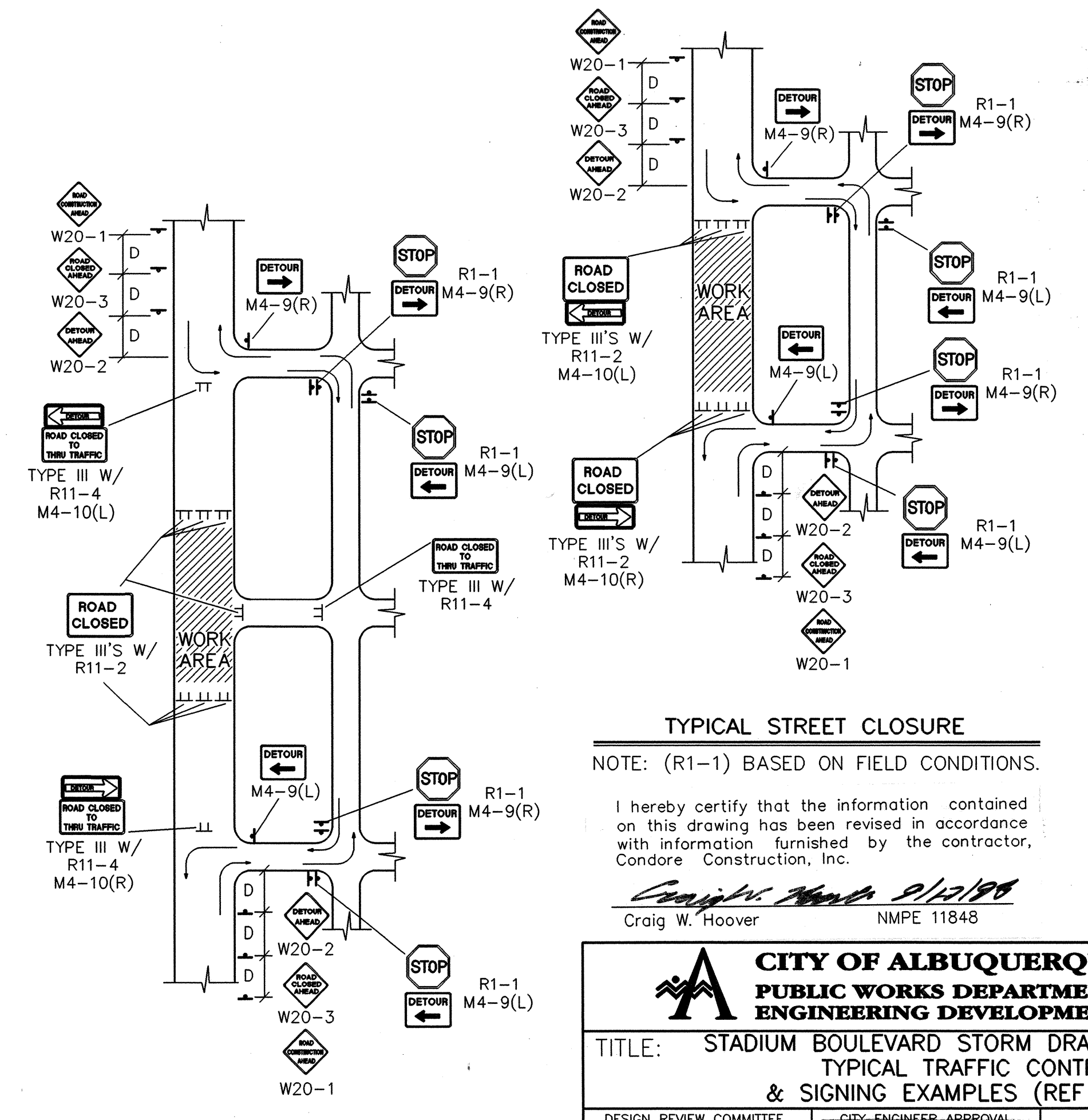
TYPICAL DOUBLE RIGHT LANE CLOSURE



TYPICAL DOUBLE LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

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Craig W. Hoover NMPE 11848

**CITY OF ALBUQUERQUE**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: STADIUM BOULEVARD STORM DRAIN (PHASE II)  
TYPICAL TRAFFIC CONTROL  
& SIGNING EXAMPLES (REF MUTCD)

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED	APPROVED		
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
4495.91	L-15	22A	22



CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR MUST OBTAIN FROM CONSTRUCTION COORDINATION AN EXCAVATION/BARRICADE PERMIT BEFORE ENGAGING IN ANY CONSTRUCTION, MAINTENANCE OR REPAIR WORK IN ANY OF THE CITY OF ALBUQUERQUE'S RIGHTS-OF-WAY. EMERGENCY WORK THAT WOULD PRESERVE LIFE OR PROPERTY IS EXCLUDED WITH THE UNDERSTANDING, THAT A PERMIT SHALL BE OBTAINED WITHIN 24 TO 48 HOURS.

2. CONTRACTOR SHALL AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

3. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

4. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

5. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

6. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

7. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SETUP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORK SITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSHEET TRAFFIC SUPERVISOR OR EQUIVALENT.

8. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

9. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

10. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 6A-4.

11. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 7:00 A.M. OR END WORK AFTER 7:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

12. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

13. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

14. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND AND THROUGH THE CONSTRUCTION AREA.

15. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

16. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

17. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON A ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

18. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE CITY OF ALBUQUERQUE. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

19. 24 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

20. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

21. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

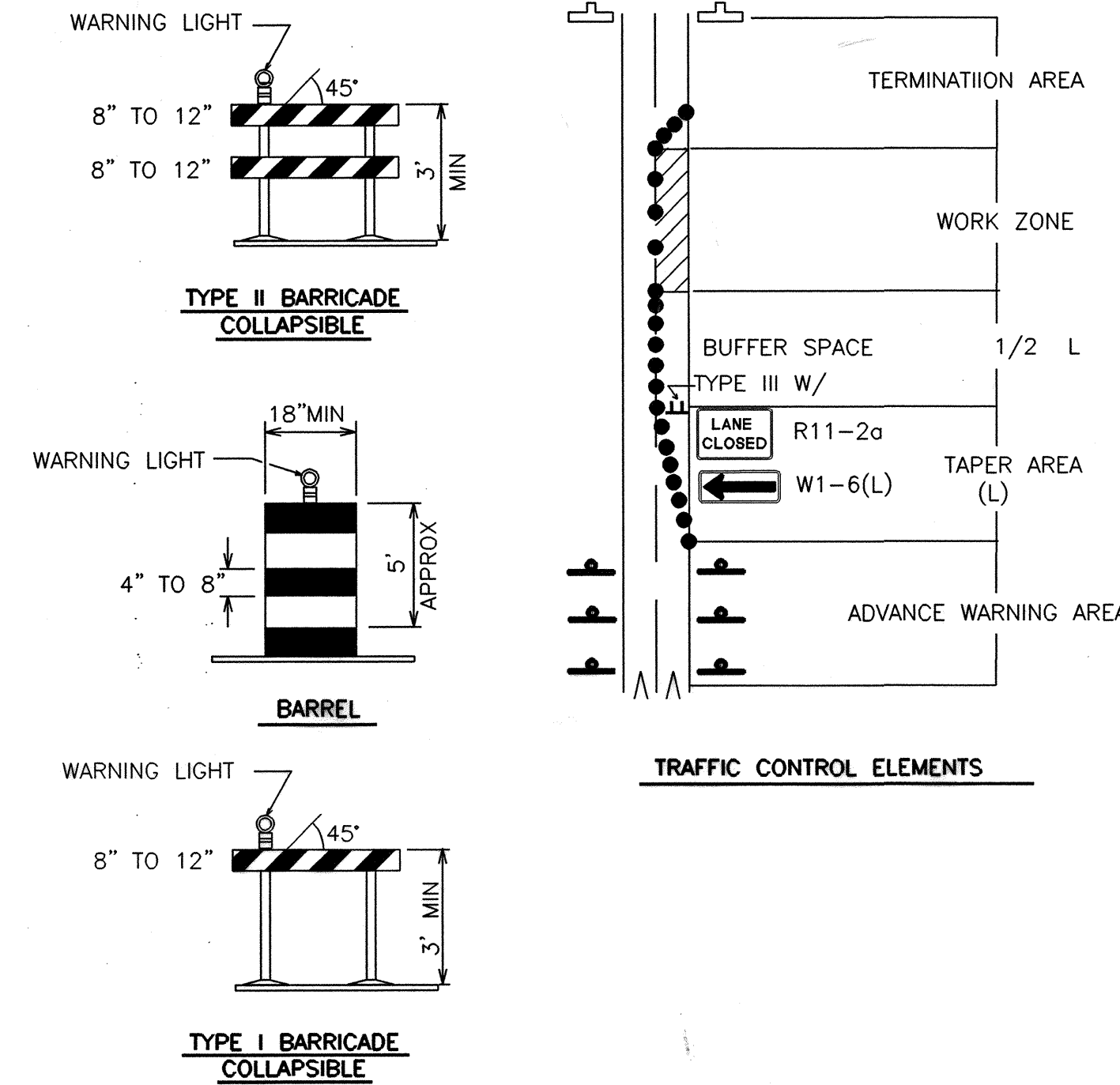
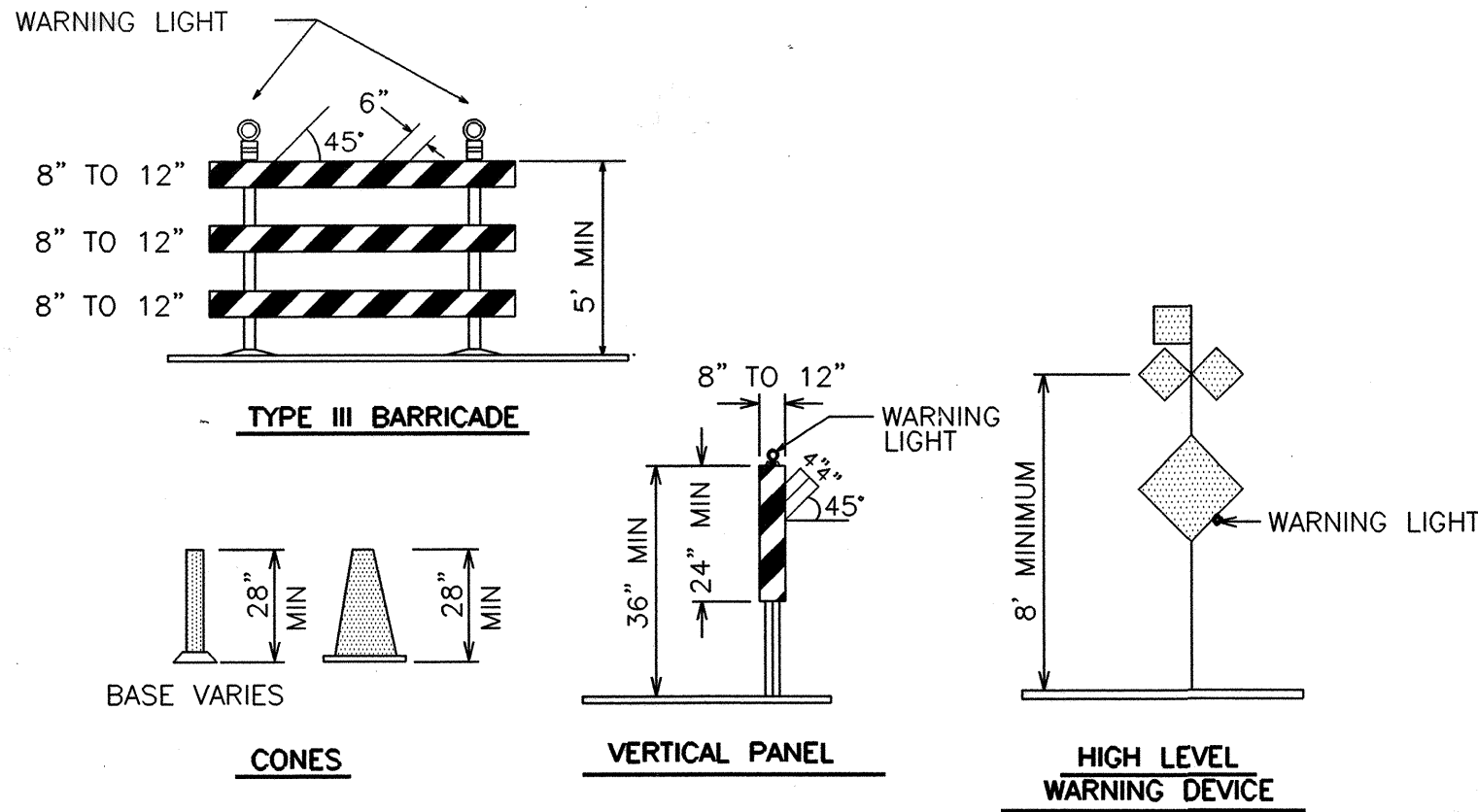
22. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:  
1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION.  
2. THE CITY OF ALBUQUERQUE TRAFFIC CODE, LATEST EDITION.  
3. SECTION 19 OF THE CITY OF ALBUQUERQUE'S STANDARD SPECIFICATIONS FOR PUBLIC WORK CONSTRUCTION, AS WELL AS OTHER SECTIONS.

23. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENTS ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

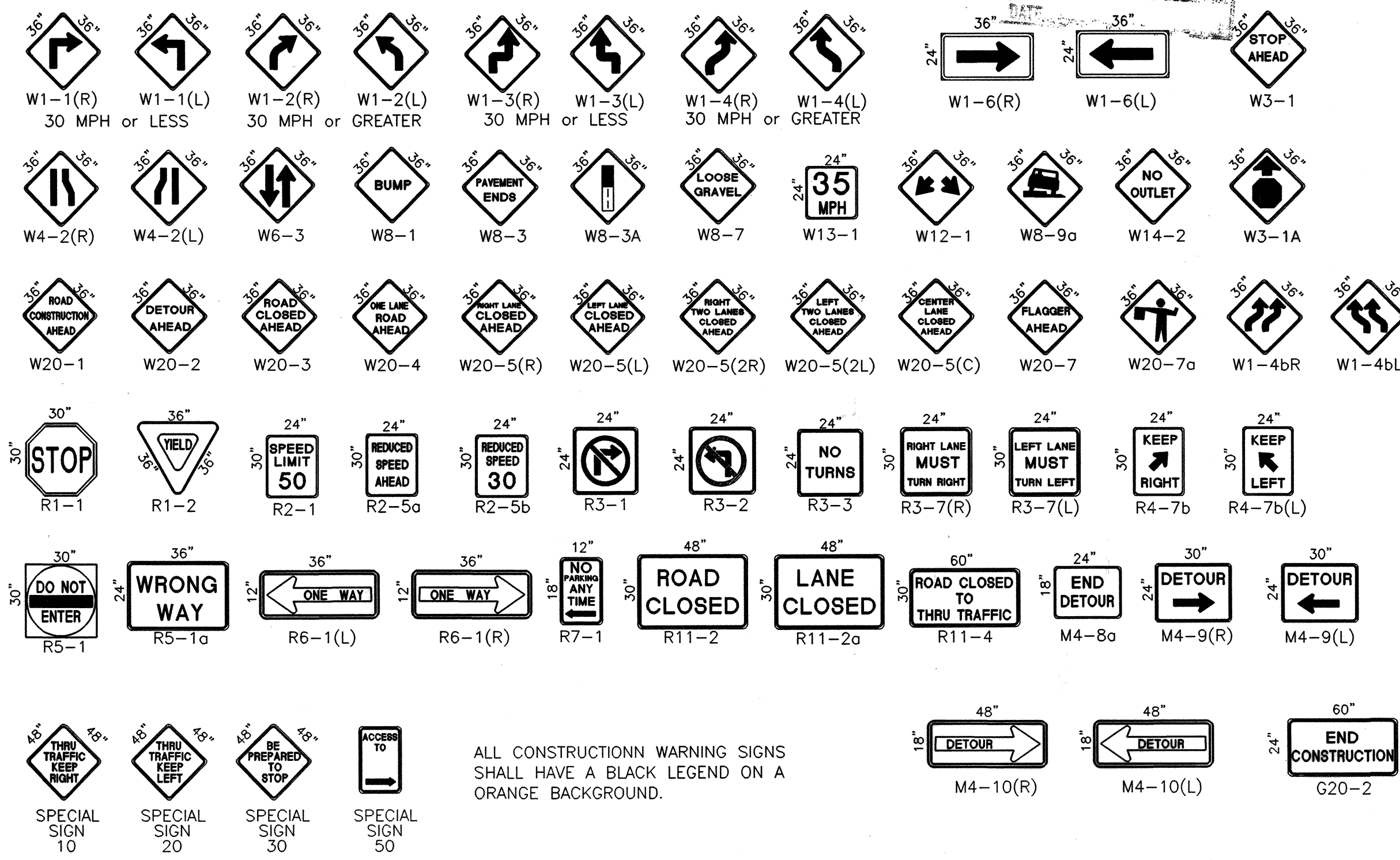
24. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION, WASHING OF EQUIPMENT IS INCIDENTAL TO ITS PLACEMENT AND MAINTENANCE.

25. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

26. ADVANCE WARNING SIGNS SHALL BE 36"x36" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER.



SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON AN ORANGE BACKGROUND.

LEGEND

- WORK AREA
- BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- VERTICAL PANEL
- WARNING SIGN
- DISTANCE BETWEEN SIGNS - A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- FLAGMAN POSITION
- SPACING BETWEEN BARRICADES - A DISTANCE MEASURED IN FEET EQUAL TO THE STREET LIMIT OF THE STREET
- L TAPER LENGTH - SEE CHART BELOW

THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET.

TAPER REQUIREMENT

SPEED LIMIT (MPH)	TAPER LENGTH(L) (FEET)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	320	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING(D) FOR ADVANCE WARNING SIGN SERIES

SPEED LIMIT (MPH)	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT
50-60	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	1/2 L MINIMUM
SHOULDER TAPER	1/2 L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPERS	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT	
40 MPH OR LESS	$L = \frac{WS^2}{60}$
40 MPH OR GREATER	$L = W \times S$

L = TAPER LENGTH  
W = WIDTH OF OFFSET IN FEET  
S = POSTED SPEED OR OFF-PEAK 85-PERCENTILE SPEED IN MPH

I hereby certify that the information contained on this drawing has been revised in accordance with information furnished by the contractor, Condore Construction, Inc.

Craig W. Hoover NMPE 11848

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DEVELOPMENT GROUP

TITLE: STADIUM BOULEVARD STORM DRAIN (PHASE II)  
TRAFFIC CONTROL  
SIGNING AND CONSTRUCTION TRAFFIC CONTROL STANDARDS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED JAN 29 1998 DESIGN REVIEW COMMITTEE	APPROVED JAN 29 1998 CITY ENGINEER		
LAST DESIGN UPDATE			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
4495.91	L-15	22B	22