

MONTGOMERY CROSSING ACADEMY PLAZA RENOVATIONS AND ADDITIONS

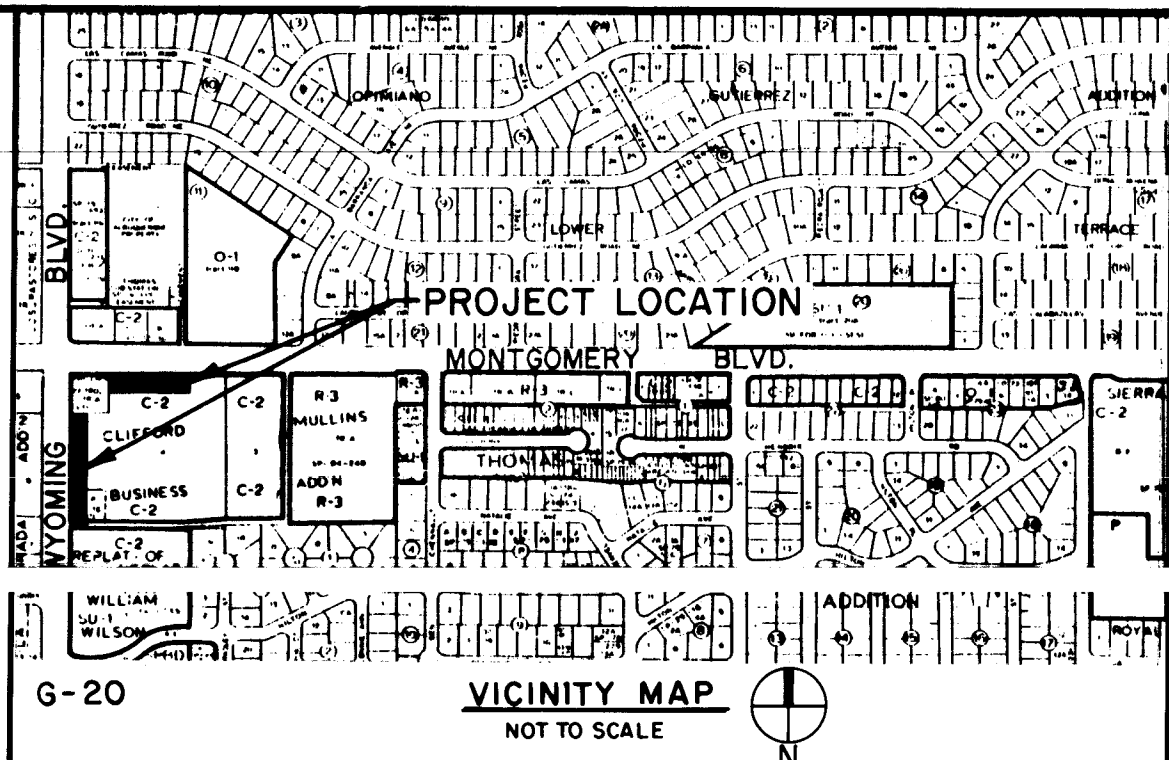
INDEX

SHEET NO.	DESCRIPTION
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1	TITLE PAGE
2	RIGHT TURN DECELERATION LANE ALONG MONTGOMERY BLVD.
3	RIGHT TURN DECELERATION LANE ALONG WYOMING BLVD.
4	TYPICAL SECTIONS AND DETAILS
5	TRAFFIC CONTROL PLAN

GENERAL NOTES

- 1.) THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION SIGNING AND BARRICADING. THE CONTRACTOR'S SIGNING AND BARRICADING PLAN SHALL BE APPROVED BY THE TRAFFIC OPERATIONS DIVISION (768-2788) 48 HOURS PRIOR TO INITIATING CONSTRUCTION. NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE FOR SIGNING AND BARRICADING.
- 2.) THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES TO VERIFY THE LOCATION OF EXISTING UTILITIES IN WORK AREA PRIOR TO ANY CONSTRUCTION.
- 3.) THE CONTRACTOR SHALL COORDINATE VALVE SHUT-OFF OPERATIONS WITH WATER SYSTEMS DIVISION (823-4200) NO LESS THAN 72 HOURS IN ADVANCE TO INITIATING ANY WORK INCLUDING PUBLIC WATER UTILITIES.



GENERAL NOTES

NOTICE TO CONTRACTORS

1. 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 CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION
2. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
3. 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 A MINIMUM AMOUNT OF DELAY.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

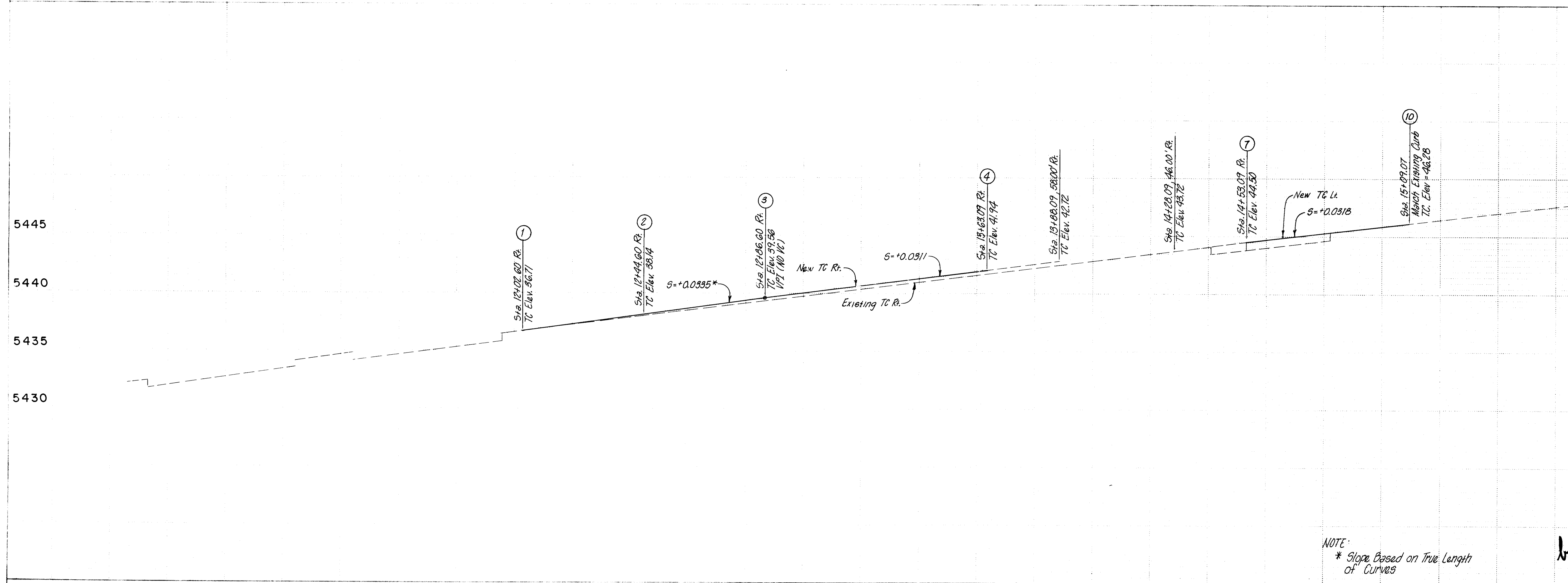
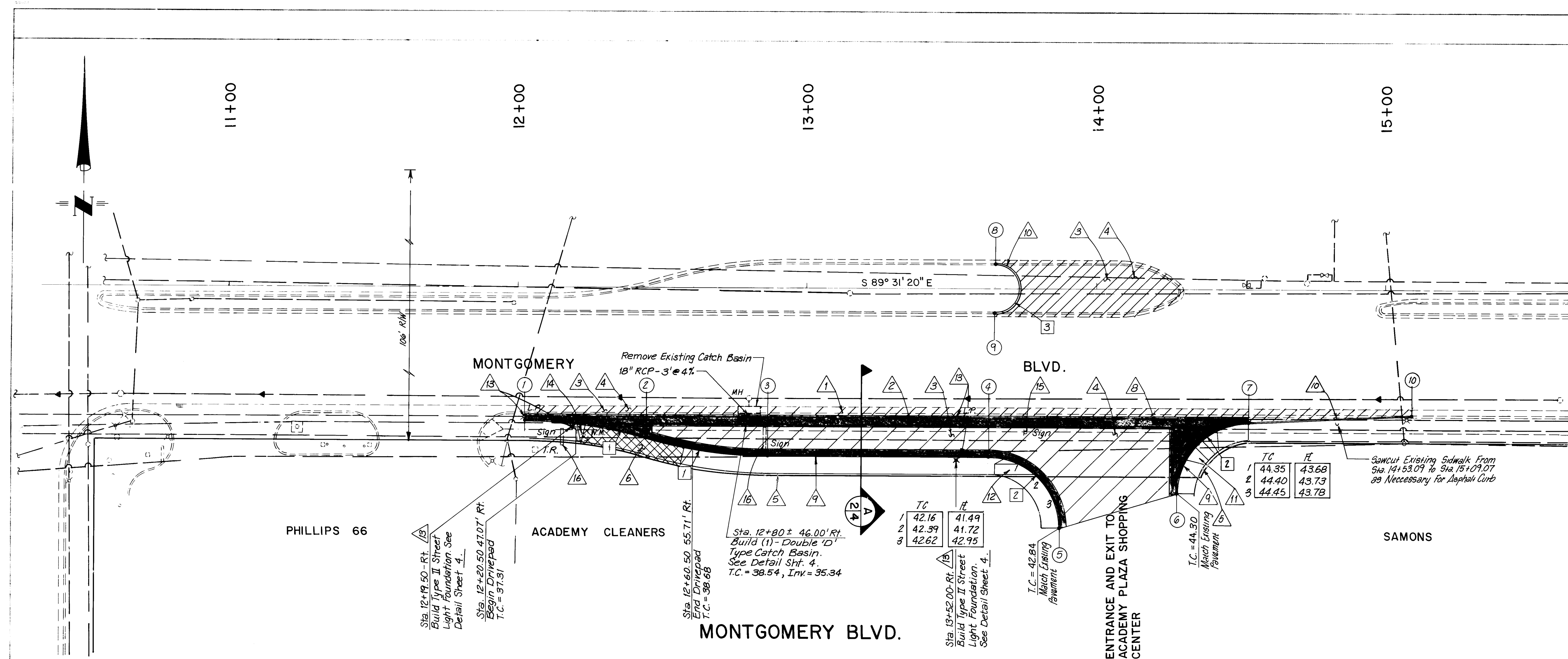
- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSED 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.

1	2	3	4	5	6	7	8	9	10	11	12
26	34	93	01	89							

APPROVAL OF AS BUILT DRAWINGS CHIEF CONSTRUCTION ENGINEER <i>[Signature]</i> DATE <u>6-21-89</u>

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

<i>[Signature]</i> 4/20/88	 BOHANNAN - HUSTON INC. ALBUQUERQUE - SANTA FE - EL PASO ENGINEERS PLANNERS PHOTOGRAMMETRISTS	APPROVED FOR CONSTRUCTION <i>[Signature]</i> 3/15/89
PROJECT NUMBER 3493	SHEET <u>1</u> OF <u>5</u>	



POINT NO.	STATION	OFFSET	DESCRIP.
1	12+02.60	46.00' RT	P.C.
2	12+44.60	52.00' RT	P.R.C.
3	12+86.60	58.00' RT	P.T.
4	13+63.09	58.00' RT	P.C.
5	13+88.09	83.00' RT	P.T.
6	14+28.09	71.00' RT	P.C.
7	14+53.09	46.00' RT	P.T.
8	13+65.09	8.42' LT	P.C.
9	13+65.09	8.05' RT	P.T.
10	15+09.07	43.11' RT	TIE*

*MATCH EXISTING, END CURB CONSTRUCTION

NO.	R	Δ	L	T
1	150.00'	16°15'37"	42.57'	21.43'
2	25.00'	90°00'00"	39.27'	25.00'
3	8.23'	180°00'00"	25.87'	--

KEYED NOTES

1. REMOVE EXISTING CURB & GUTTER.
2. REMOVE EXISTING SIDEWALK AND DRIVEPAD.
3. BUILD NEW ARTERIAL PAVEMENT. SEE DETAIL SHEET 4.
4. BUILD NEW 5/8" PLANT MIX SEAL COAT.
5. BUILD NEW 4" CONCRETE SIDEWALK. SEE C.O.A. STD. DRWG. 2430.
6. BUILD NEW 6" CONCRETE DRIVEPAD. SEE C.O.A. STD. DRWG. 2430.
7. BUILD NEW ALLEY INTERSECTION. SEE C.O.A. STD. DRWG. 2428.
8. BUILD NEW CONCRETE VALLEY GUTTER. SEE DETAIL SHEET 4. SEE C.O.A. STD. DRWG. 2421.
9. BUILD NEW CONCRETE STD. CURB & GUTTER. SEE C.O.A. STD. DRWG. 2415.
10. BUILD NEW ASPHALT CURB. SEE C.O.A. STD. DRWG. 2415.
11. BUILD NEW CASE II SUFFICIENT R.O.W. WHEELCHAIR RAMP. SEE C.O.A. STD. DRWG. 2441.
12. BUILD NEW STD. INSUFFICIENT R.O.W. WHEELCHAIR RAMP. SEE C.O.A. STD. DRWG. 2426.
13. BUILD NEW STREET LIGHT FOUNDATION. SEE DETAIL SHEET 4 FOR LOCATION. REMOVE EXISTING FOUNDATION AND RELOCATE STREET LIGHT POLE TO NEW FOUNDATION. EXISTING WIRING TO BE RELOCATED BY PHW.
14. REMOVE & REPLACE WATER METER SERVICES TO CURRENT STANDARDS. SEE C.O.A. STD. DRWGS. 2362 & 2363.
15. REMOVE AND SALVAGE TRAFFIC SIGN.
16. SIGN TO BE RELOCATED BY OTHERS.

LEGEND

- (X) = POINT NUMBER
- [X] = CURVE NUMBER
- △ = KEYED NOTE NUMBER
- [Hatched Box] = NEW ARTERIAL PAVEMENT
- [Solid Black Box] = NEW STD. CURB & GUTTER OR VALLEY GUTTER
- [Cross-hatched Box] = NEW 6" CONCRETE DRIVEPAD

SCALE

HORIZ. 1" = 20'

VERT. 1" = 5'

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: RIGHT TURN DECELERATION LANE FOR MONTGOMERY CROSSING ON MONTGOMERY BLVD. N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	05/06/08	Liquid Waste	[Signature]	4/22/08
A.C.E. - Design	[Signature]	04/22/08	Traffic	[Signature]	04/22/08
A.C.E. - Hydrology	[Signature]	04/22/08	Water	[Signature]	4/22/08

DRAWING NO. 3493 MAP NO. G-20 SHEET 2 OF 5

NOTE:
* Slope Based on True Length of Curves

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 768.1934 FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL CONSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO ARTERIAL STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. CONTRACTOR SHALL COORDINATE CONSTRUCTION WITH CITY PROJECT NO. 3460 AND MCC, INC. 384-9787.

APPROVALS	NAME	DATE
A.C.E./DESIGN		
INSPECTOR		
A.C.E./FIELD		

Sta. 13+37.67-Lt. 
Build Type I Street
Light Foundation. See
Detail Sheet 4.

DUNKIN DONUTS

WYOMING

WYOMING BLVD.

Scale: 1" = 20'

ENTRANCE AND EXIT TO ACADEMY
PLAZA SHOPPING CENTER

ENTRANCE AND EXIT TO ACADEMY
PLAZA SHOPPING CENTER

16+00

17+00

POINT NO.	STATION	OFFSET	DESCRIP.
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1	13+37.67	46.00'	LT	P.C.
2	13+62.67	71.00'	LT	P.T. TIE
3	14+02.67	71.00'	LT	P.C. TIE
4	14+27.67	46.00'	LT	P.T.
5	14+46.67	46.00'	LT	P.C.
6	14+71.67	71.00'	LT	P.T. TIE
7	15+06.67	80.75'	LT	P.C. TIE
8	15+28.19	55.99'	LT	P.T.
9	16+09.18	44.59'	LT	P.C.
10	16+30.74	43.12'	LT	P.C.
11	15+10.72	44.53'	LT	P.R.C. VG
12	15+75.68	43.07'	LT	P.T. VG
13	12+79.67	43.09'	LT	TIE

*MATCH EXISTING, BEGIN CURB CONSTRUCTION

CURVE ☐

NO.	R	Δ	L	T
1	25.00'	90°00'00"	39.27'	25.00'
2	25.00'	81°59'07"	35.77'	21.73'
3	150.00'	8°15'40"	21.63'	10.83'
4	1400.00'	2°37'20"	64.07'	32.04'
5	1400.00'	2°39'33"	64.98'	32.49'

△ KEYED NOTES

1. REMOVE EXISTING CURB & GUTTER.
2. REMOVE EXISTING SIDEWALK AND DRIVEPAD.
3. BUILD NEW ARTERIAL PAVEMENT. SEE DETAIL SHEET 4.
4. BUILD NEW 5/8" PLANT MIX SEAL COAT.
5. BUILD NEW 4" CONCRETE SIDEWALK. SEE C.O.A. STD. DRWG. 2430.
6. BUILD NEW 6" CONCRETE DRIVEPAD. SEE C.O.A. STD. DRWG. 2430.
7. BUILD NEW ALLEY INTERSECTION. SEE C.O.A. STD. DRWG. 2428.
8. BUILD NEW CONCRETE VALLEY GUTTER. SEE DETAIL SHEET 4. SEE C.O.A. STD. DRWG. 2421.
9. BUILD NEW CONCRETE STD. CURB & GUTTER. SEE C.O.A. STD. DRWG. 2415.
10. BUILD NEW ASPHALT CURB. SEE C.O.A. STD. DRWG. 2415.
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12. BUILD NEW STD. INSUFFICIENT R.O.W. WHEELCHAIR RAMP. SEE C.O.A. STD. DRWG. 2426.
13. BUILD NEW STREET LIGHT FOUNDATION. SEE DETAIL SHEET 4 FOR LOCATION. REMOVE EXISTING FOUNDATION AND RELOCATE STREET LIGHT POLE TO NEW FOUNDATION. EXISTING WIRING TO BE RELOCATED BY PWM.
14. REMOVE & REPLACE WATER METER SERVICES TO CURRENT STANDARDS. SEE C.O.A. STD. DRWGS. 2362 & 2363.
15. REMOVE AND SALVAGE TRAFFIC SIGN.
16. SIGN TO BE RELOCATED BY OTHERS.

LEGEND

- | | |
|---|--|
|  | = POINT NUMBER |
|  | = CURVE NUMBER |
|  | = KEYED NOTE NUMBER |
|  | = NEW ARTERIAL PAVEMENT |
|  | = NEW STD. CURB & GUTTER
OR VALLEY GUTTER |
|  | = NEW 6" CONCRETE DRIVEPAD |

SCALE

HORIZ. 1" = 20'
VERT. 1" = 5'

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: RIGHT TURN DECELERATION LANE
FOR
MONTGOMERY CROSSING ON WYOMING BLVD. N.E.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	05/09/88	Liquid Waste	<i>[Signature]</i>	4/22/88
ACE-Design	<i>[Signature]</i>	04/22/88	Traffic	<i>[Signature]</i>	04/22/88
ACE-Hydrology	<i>[Signature]</i>	4-22-88	Water	<i>[Signature]</i>	4/22/88

DRAWING NO.	3493	MAP NO.	G-20	SHEET	3	OF	5
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BENCH MARKS

SURVEY INFORMATION

ENGINEER'S SEAL

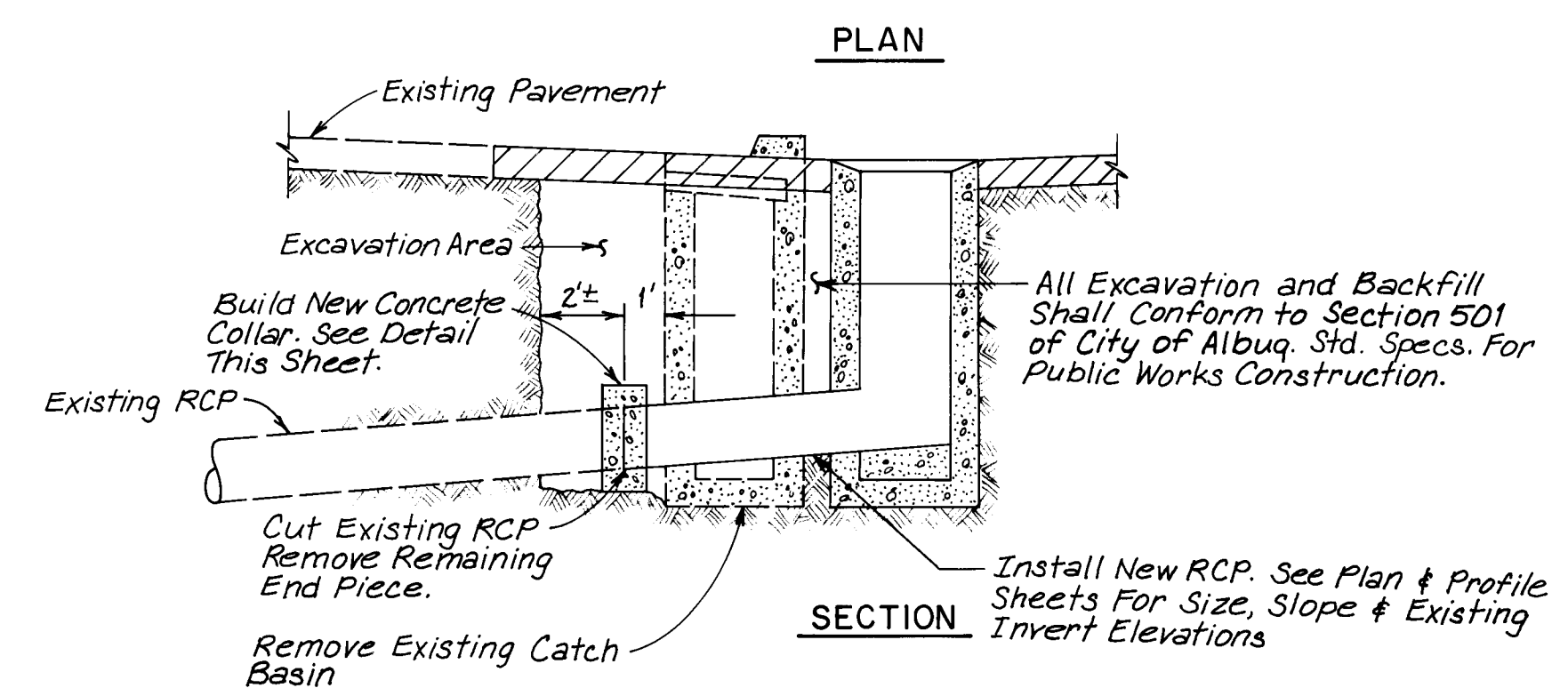
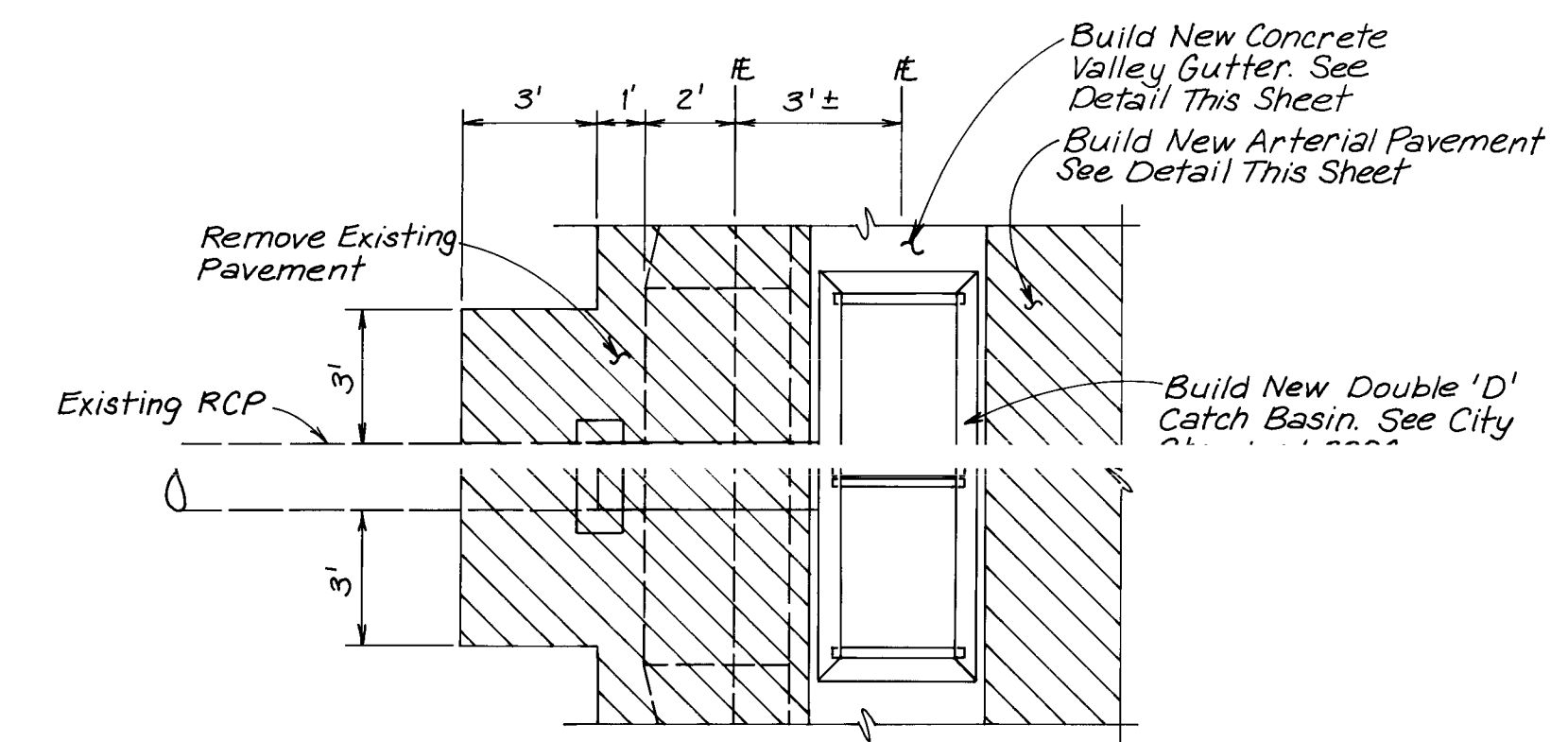
Wm. H. Dabney

44-169

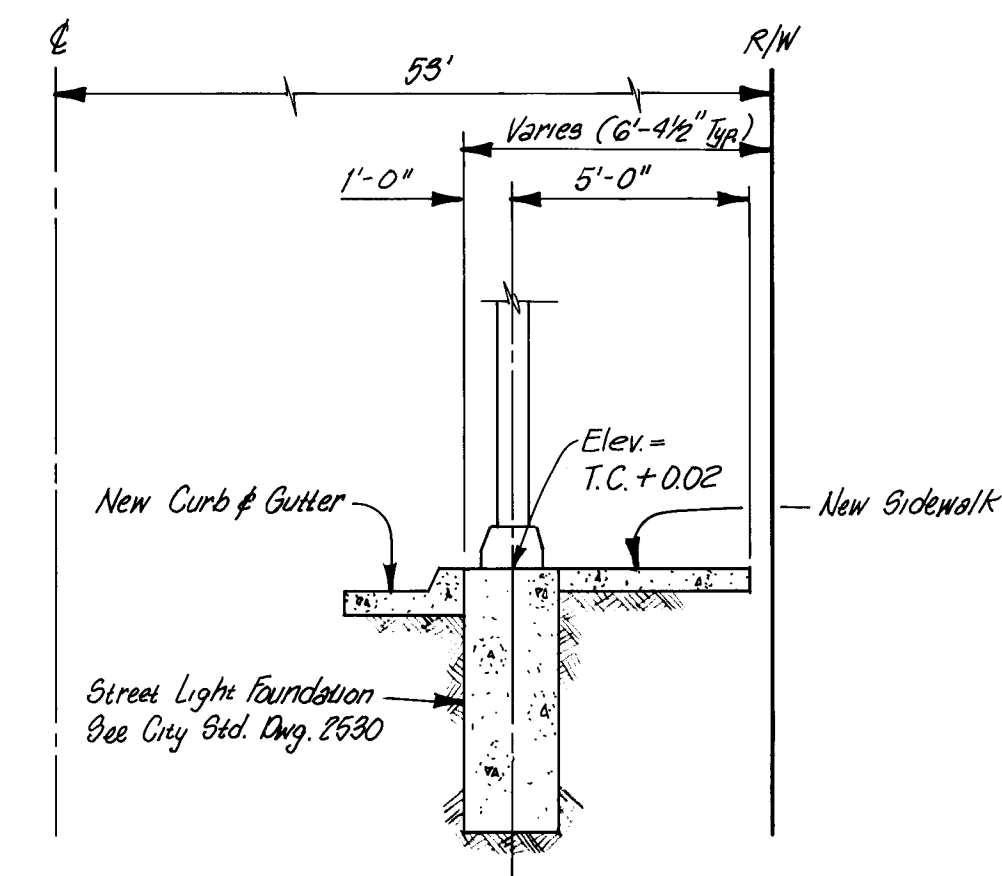
6/15/89	Revision from as-built information	EN
5/22/89	Added Sidewalk Culverts	CWH

NO	DATE	REMARKS	BY
<i>REVISIONS</i>			
<i>DESIGN</i>			

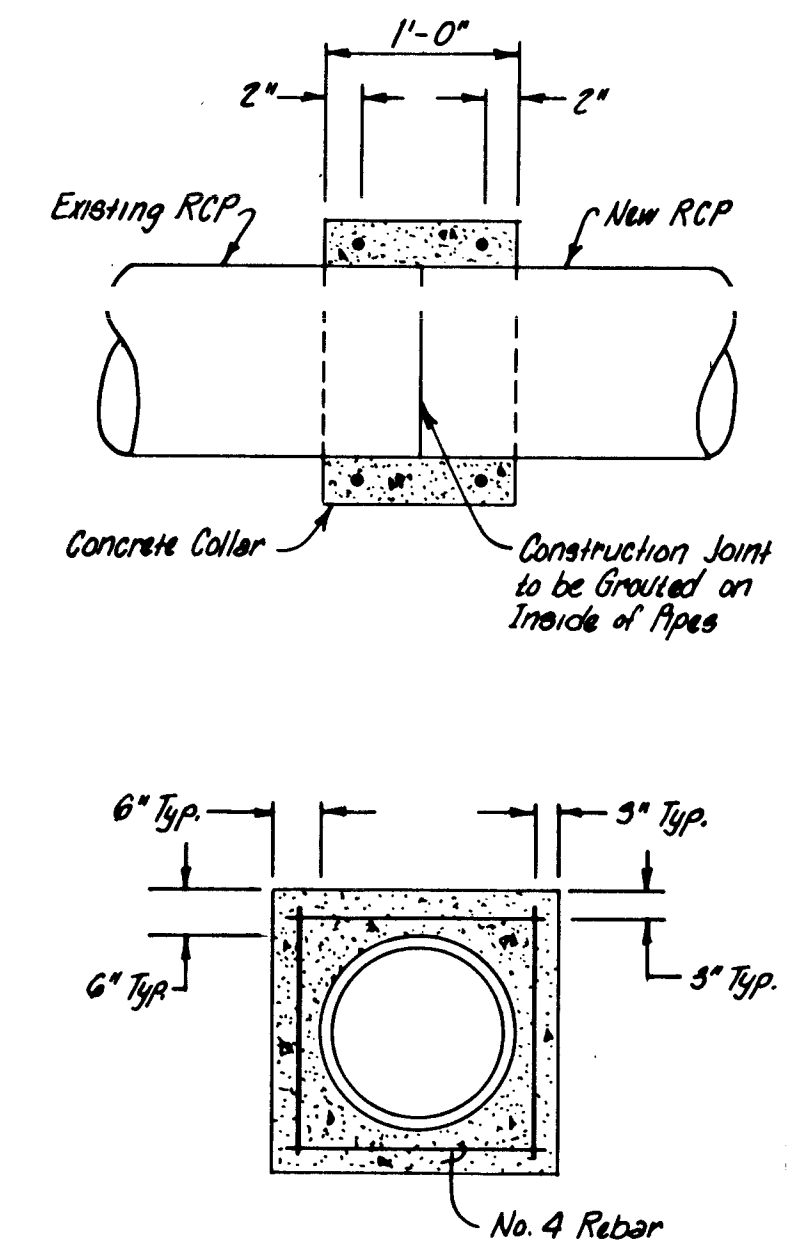
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE



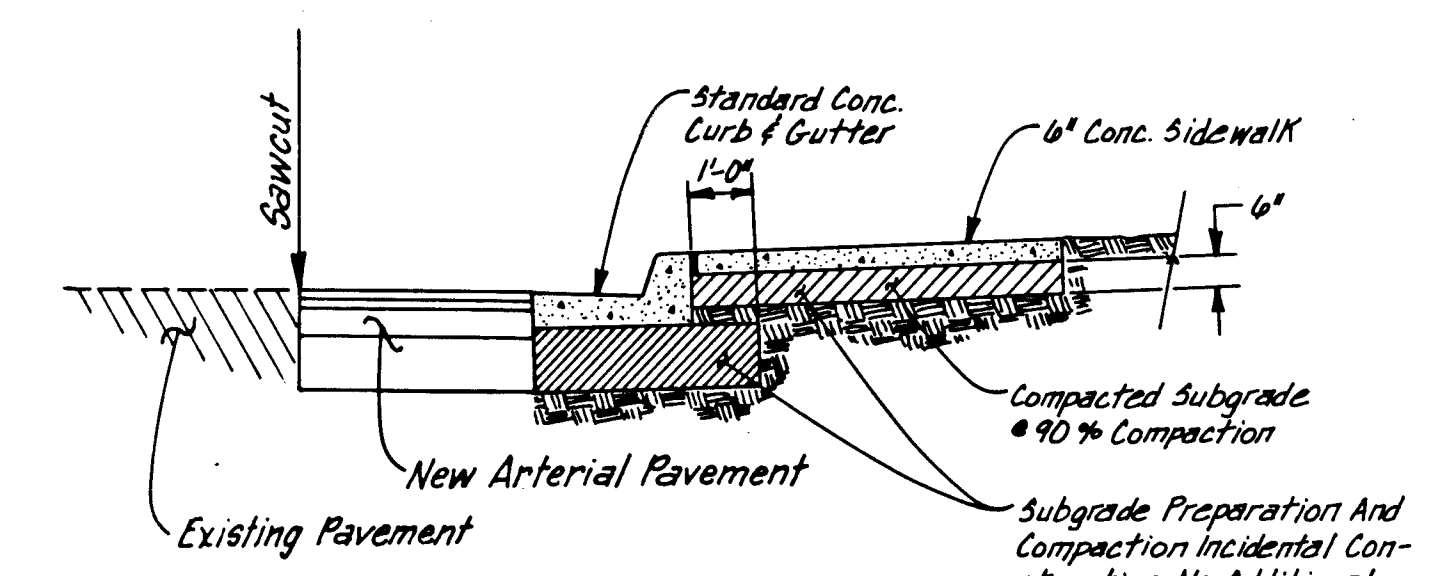
CATCH BASIN REMOVAL AND REPLACEMENT DETAIL
N.T.S.



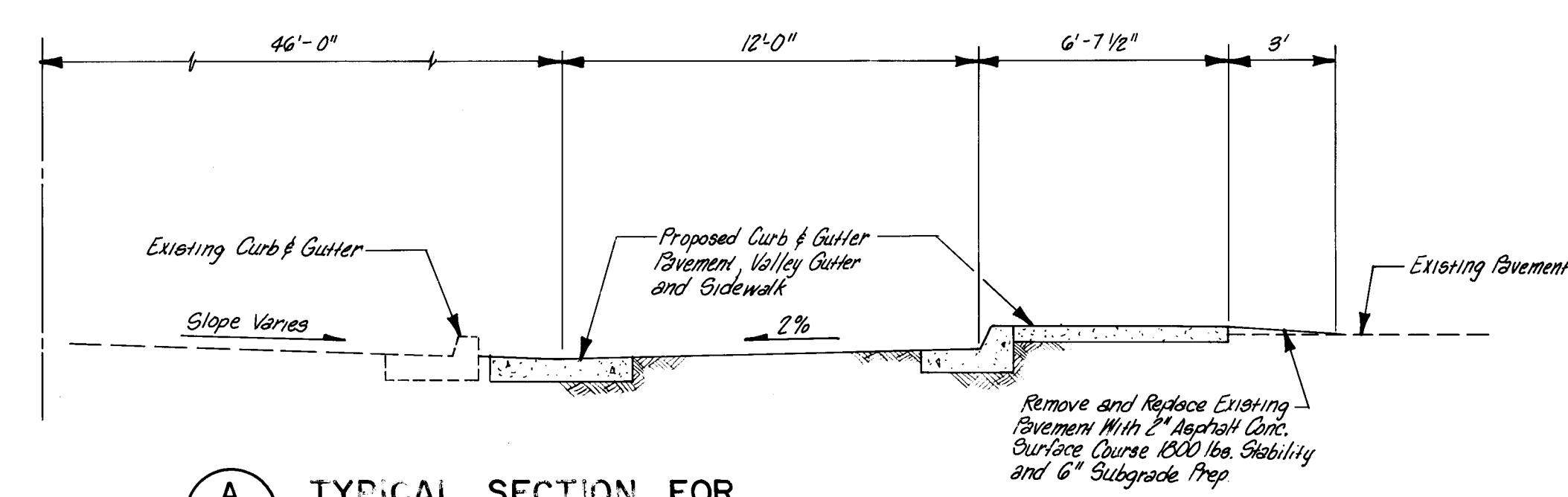
STREET LIGHT LOCATION DETAIL
SCALE: 1/4" = 1'-0"



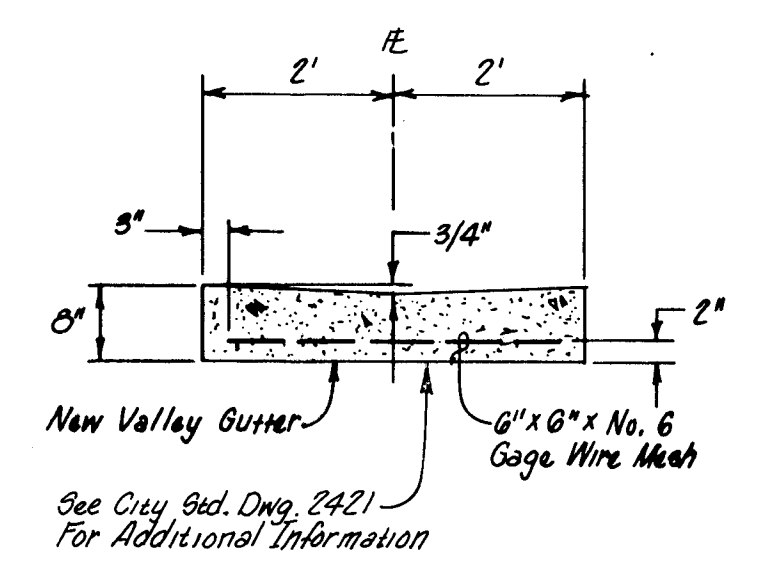
CONCRETE COLLAR DETAIL
N.T.S.



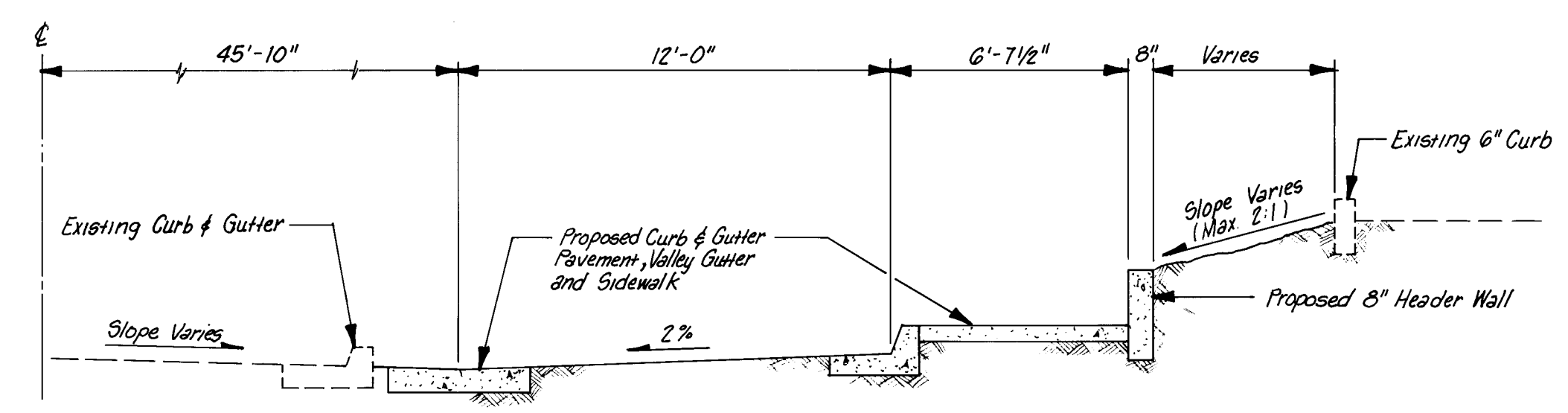
TYPICAL STREET SECTION
N.T.S.



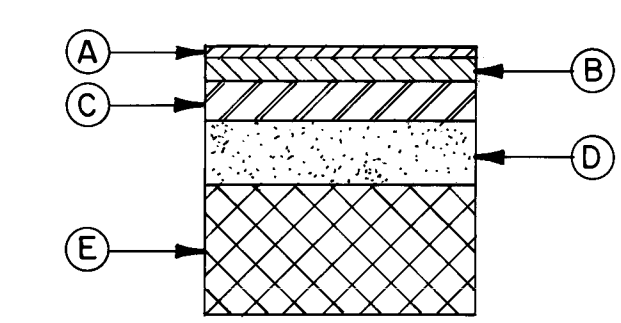
A
24
TYPICAL SECTION FOR
RIGHT TURN BAY
MONTGOMERY STA. 13+20.00
SCALE: 1/4" = 1'-0"



TYPICAL VALLEY GUTTER SECTION
SCALE: 1/2" = 1'-0"

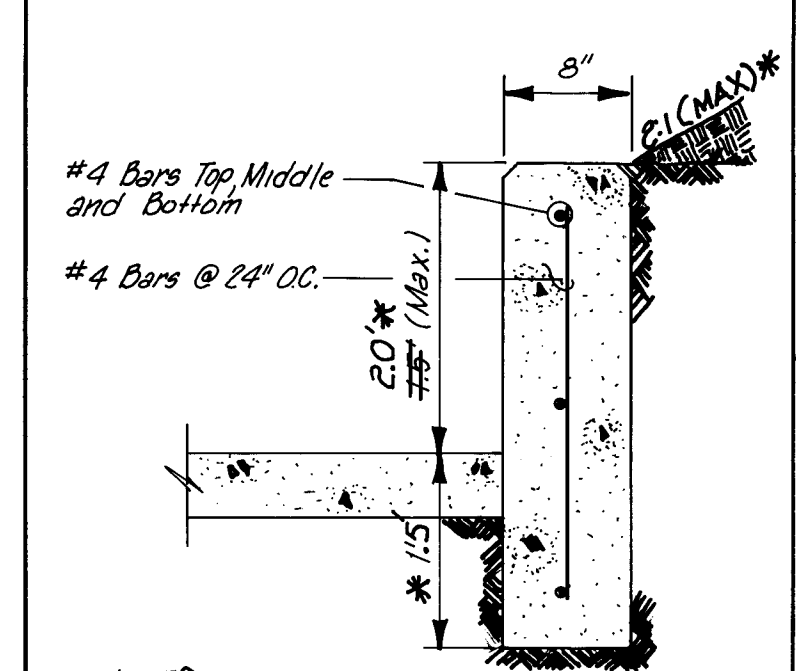


B
34
TYPICAL SECTION FOR
RIGHT TURN BAY
WYOMING STA. 15+28.19 LOOKING DOWN STATION
SCALE: 1/4" = 1'-0"



- (A) 1 1/2" Asphalt Conc. Surface Course 1800 lbs. Stability
- (B) 2 1/2" Asphalt Conc. Base Course 1500 lbs. Stability
- (C) 4" Asphalt Treated Base
- (D) 8" Compacted Subbase 95% Compaction
- (E) 8" Compacted Subbase 95% Compaction

PAVEMENT SECTION
SCALE: 1" = 1'-0"

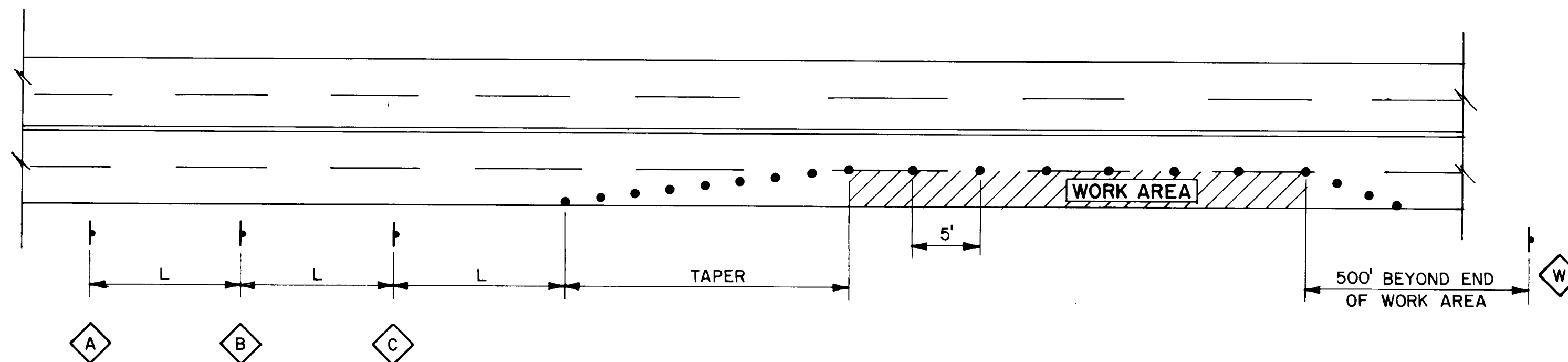


- NOTES
- 1. Place Expansion Joints @ 20' OC. Max.
- * 2. Do not place expansion joint between back of sidewalk and face of wall.

8" HEADER WALL DETAIL
SCALE: 1" = 1'-0" (REVISION)*A

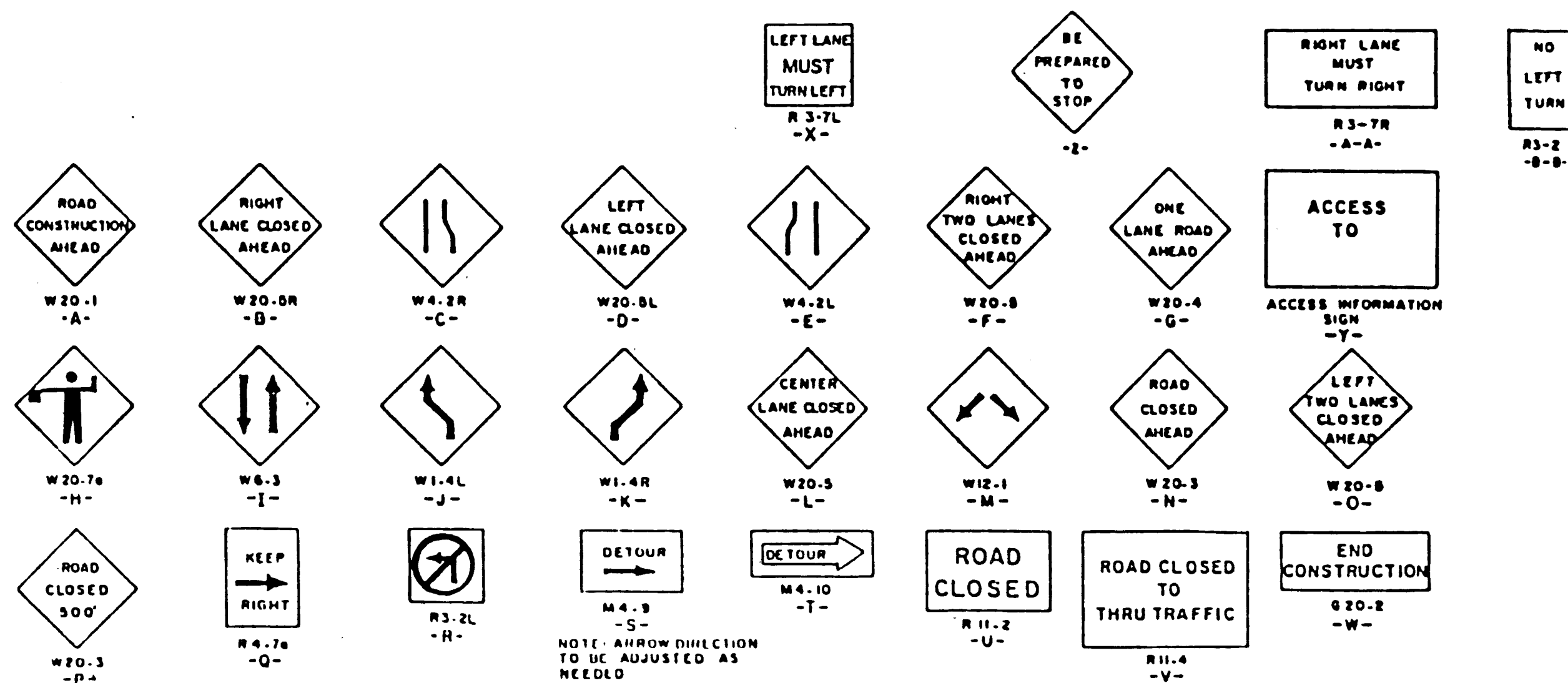
1	2	3	4	5	6	7	8	9	10	11	12
2	6	3	4	9	3	0	4	8	9		

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TYPICAL SECTIONS AND DETAILS FOR MONTGOMERY CROSSING					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	05/12/23	Liquid Waste	<i>[Signature]</i>	4/22/23
A C E - Design	<i>[Signature]</i>	04/22/23	Traffic	<i>[Signature]</i>	04/22/23
A C E - Hydrology	<i>[Signature]</i>	4-22-23	Water	<i>[Signature]</i>	4/22/23
DRAWING NO.	3493	MAP NO.	G-20	SHEET	4 OF 5



TYPICAL RIGHT LANE CLOSURE

NO SCALE



TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH (FEET)			MAXIMUM DISTANCE BETWEEN DEVICES (FEET)	MINIMUM NUMBER OF DEVICES REQUIRED
	10' LANE	11' LANE	12' LANE		
25	104	115	125	25	6
30	150	165	185	30	7
35	204	225	245	35	8
40	267	293	320	40	9
45	450	495	540	45	13
50	500	550	600	50	13
55	550	605	660	55	13

LEGEND

- WORK AREA
- TRAFFIC SIGN & QUANTITY (SEE THIS SHEET FOR DESIGNATION)
 - 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 SPEED LIMIT OF THE STREET

TAPER LENGTH-SEE CHART AT LEFT
TANGENT LENGTH-IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET

NOTES

- ALL ADVANCE WARNING SIGNS ARE TO BE DOUBLE INDICATED WHENEVER MEDIANS ARE PRESENT.
- TRANSFORMATION FROM EXISTING SIGNALS TO SPAN WIRE IS TO OCCUR AT OFF PEAK HOURS.

GENERAL NOTES

- CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF SECTION 19 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS, 1986.
- ON MONTGOMERY BOULEVARD, CONTRACTOR SHALL LIMIT CONSTRUCTION OPERATION TO NO MORE THAN TWO (2) CALENDAR WEEKS. ON WYOMING BOULEVARD, CONTRACTOR SHALL LIMIT OPERATION TO NO MORE THAN TWO (2) CALENDAR WEEKS.
- PRIOR TO OCCUPYING THE ROADWAY, CON-
FOUR (24) HOURS: POLICE, FIRE DEPARTMENT, BUSINESSES AFFECTED BY CONSTRUCTION AND PUBLIC TRANSPORTATION. PRIOR TO OCCUPYING MONTGOMERY, CONTRACTOR SHALL CONSULT THE CONSTRUCTION COORDINATOR TO INSURE THAT PROJECT NO. 3493 DOES NOT INTERFERE WITH THE MONTGOMERY/WYOMING RENOVATION OR ANY OTHER PROJECT LOCATED WITHIN THE IMMEDIATE VICINITY. IF THERE IS A CONFLICT, PROJECT NO. 3493 MAY BE ASSIGNED TO A LOWER PRIORITY.
- EQUIPMENT AND MATERIALS ARE NOT TO BE STORED WITHIN THE STREET RIGHT-OF-WAY DURING NON-WORKING HOURS.
- CONTRACTOR SHALL NOTIFY SURROUNDING BUSINESSES AND RESIDENTS OF ROAD CLOSURES PRIOR TO CONSTRUCTION OPERATION. CONTRACTOR SHALL MAINTAIN ACCESS TO EACH BUSINESS, RESIDENT, AND FACILITY AT ALL TIMES.
- CONTRACTOR SHALL MAINTAIN A MINIMUM OF TWO LANES OF TRAFFIC ON MONTGOMERY AND WYOMING FOR THE DURATION OF CONSTRUCTION OPERATIONS. CONTRACTOR SHALL NOT PHASE CONSTRUCTION OPERATIONS SIMULTANEOUSLY.

AS-BUILT INFORMATION

CONTRACTOR	DATE
INSPECTOR'S	DATE
FIELD ENGINEER	DATE
VERIFICATION BY	DATE
RECORDED BY	DATE
MICRO-F	DATE
RECEIVED BY	DATE

BENCH MARK

SURVEY INFORMATION

NO.	BY	DATE

ENGINEER'S SEAL

Michael A. Dally
4/2/88

REVISIONS

DESIGN

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

DATE

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DATE

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
TITLE: TRAFFIC CONTROL PLAN FOR MONTGOMERY CROSSING					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	[Signature]	04/12/88	Liquid Waste	[Signature]	4/12/88
A C E - Design	[Signature]	04/12/88	Traffic	[Signature]	04/12/88
A C E - Hydrology	[Signature]	4-22-88	Water	[Signature]	4-12-88
DRAWING NO. 3493		MAP NO. 6-20		SHEET 5 OF 5	