COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS

STOCKTON, CALIFORNIA

PROJECT PLANS FOR

INMAN AVENUE AND MONTEREY AVENUE RECONSTRUCTION

Inman Avenue: Plymouth Road to Delaware Avenue
Monterey Avenue: Plymouth Road to Delaware Avenue

To Be Supplemented by Standard Plans Dated May 2006

INDEX OF SHEETS

Sheet 1	TITLE PAGE
Sheet 2	TYPICAL SECTION, DETAILS AND GENERAL NOTES
Sheet 3–8	PLAN AND PROFILE
Sheet 9	SUMMARY OF QUANTITIES

APPLICABLE 2006 STANDARD PLANS

A10A, A10B, & R.S.P. A88A

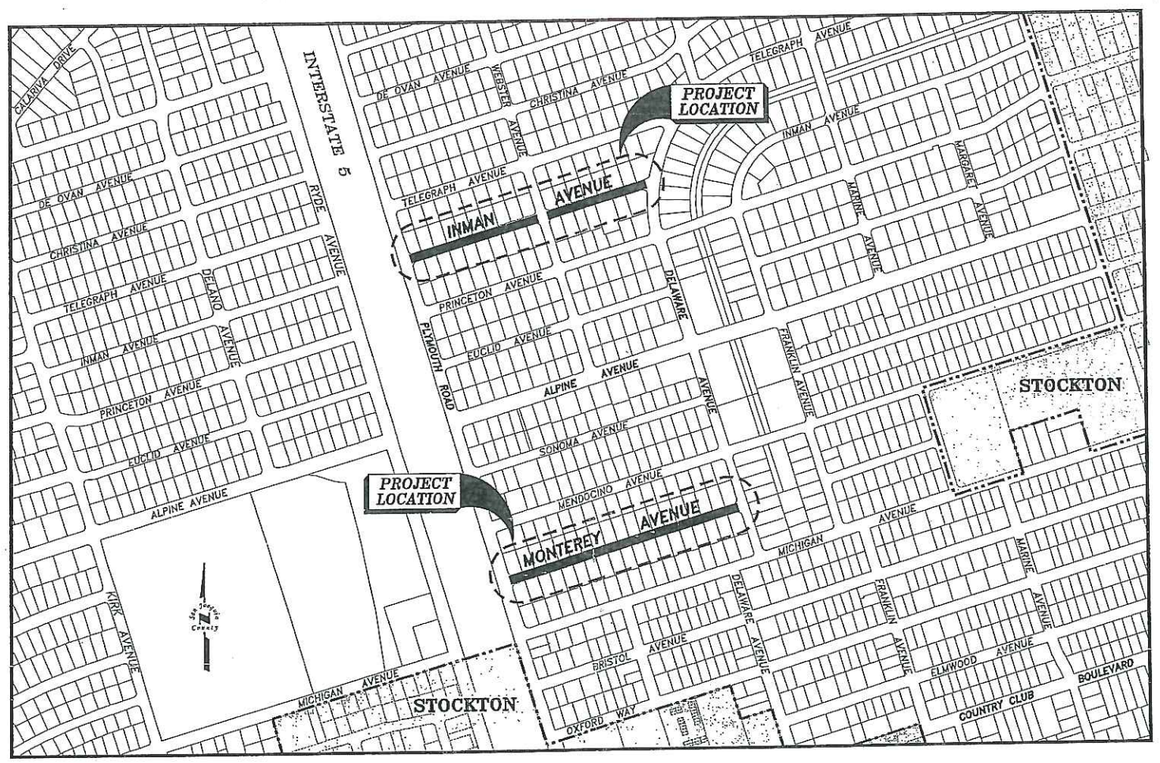
SAN JOAQUIN COUNTY IMPROVEMENT STANDARDS

CW–C1, CW–C3, CW–M7

ABBREVIATIONS

(In addition to listings in A10A and A10B)

SJCO	=	San Joaquin County
SDI	=	Storm Drain Inlet
CG&S	=	Concrete Curb, Gutter and Sidewalk



PROJECT LOCATION MAP

NO SCALE

COUNTY OF SAN JOAQUIN

Submitted _____, 2012

Preliminary

THOMAS M. GAU
DIRECTOR OF PUBLIC WORKS

REGISTERED PROFESSIONAL ENGINEER DAVID MENDOZA No. 42581 CIVIL STATE OF CALIFORNIA

DAVID MENDOZA
REGISTERED CIVIL ENGINEER 42581
DEPARTMENT OF PUBLIC WORKS
SAN JOAQUIN COUNTY

NOTES:

1. The Contractor shall possess a Class A or C–12 license at the time this contract is awarded.
2. Cross Sections Available Upon Request.

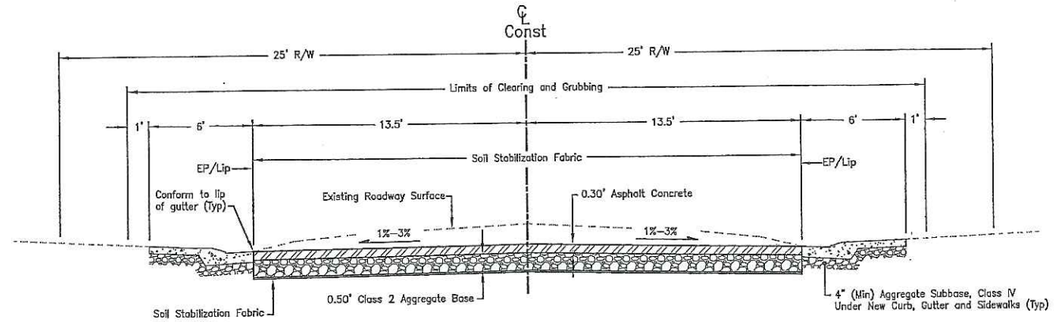
PROJECT ENGINEER	DATE	CHECKED BY	DATE	APPROVED	DATE	COUNTY OF SAN JOAQUIN	NO SCALE	TITLE PAGE	INMAN AVENUE AND MONTEREY AVENUE RECONSTRUCTION (Plymouth Road to Delaware Avenue; Plymouth Road to Delaware Avenue)	SHEET NO.	TOTAL SHEETS
										1	9

FILE NAME	DRAWER	SHEET NO.	ACAD	REVISIONS	DATE
			EDesign\2012\DW – Inman and Monterey Reconstruction\Plans\Inman and Monterey – All		

℄ Const = ℄ R/W

GENERAL NOTES:

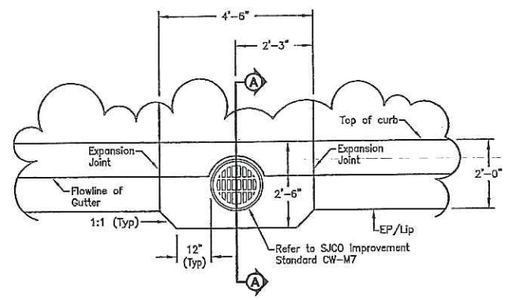
1. Prior to commencing any work, it shall be the contractor's responsibility to have each utility company locate in the field their main and service lines. The contractor shall notify the members of the Underground Service Alert (U.S.A.) 48 hours in advance of performing excavation work or sign relocation work by calling the toll-free number 1-800-227-2600.
2. The Contractor shall field verify all utility locations and depths. It shall be the Contractor's sole responsibility to protect all existing utilities, so that no damage results to them during the performance of his contract. The contractor shall be required to cooperate with other contractors and utility companies installing new structures, utilities, and services to the project.
3. Existing drainage facilities, fences, water valves, frames and covers, trees, shrubs, curb, gutter and sidewalk and other frontage improvements are to remain in place unless otherwise noted on the Plans.
4. All storm drain inlets shall be protected from liquid runoff sediment and chemical pollutant in a manner consistent with the requirements of the National Pollution Discharge Eliminating System (NPDES) General Construction Permit and per Special Provisions.
5. Sprinkler relocation as required for concrete work will be done by contractor prior to sidewalk work. Payment for this shall be considered as included in the Minor Concrete (Curb, Gutter and Sidewalk) item of work.
6. All improvements within the Minor Concrete (Curb, Gutter, and Sidewalk) work limits shall be saw cut or removed to the limits shown on the Plans. Payment for this shall be considered as paid for under the various items of work involved.
7. Install Expansion Joints at beginning and end of new Curb, Gutter and Sidewalk and between new sidewalks and existing driveways. All new Curb, Gutter and Sidewalk shall conform to the existing flowline elevations, with a straight grade between conforms.
8. All existing driveway part circle culverts shall be removed and disposed of, with payment considered as included in the Roadway Excavation item of work.
9. No truck traffic shall be allowed on the exposed subgrade at any time.
10. All exposed subgrade shall be covered with Soil Stabilization Fabric and a minimum of 6" of Class 2 Aggregate Base at the end of each working day.
11. Asphalt Concrete shall be placed in 2 layers of 0.15' thickness.



TYPICAL SECTION

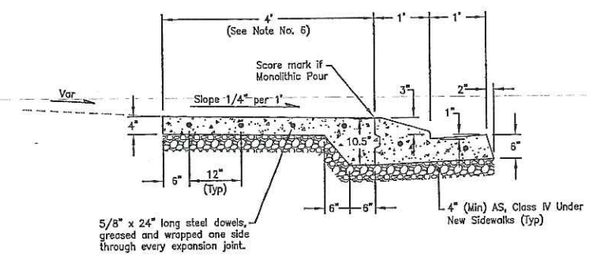
INMAN AVENUE Sta 10+07 to Sta 17+28
Sta 17+74 to Sta 23+57

MONTEREY AVENUE Sta 10+16 to Sta 22+50



CURB & GUTTER INSTALLATION FOR 18" SDI

Monterey Avenue: Sta 15+50 (Left)
Monterey Avenue: Sta 15+54 (Right)



CURB, GUTTER AND SIDEWALK DETAIL

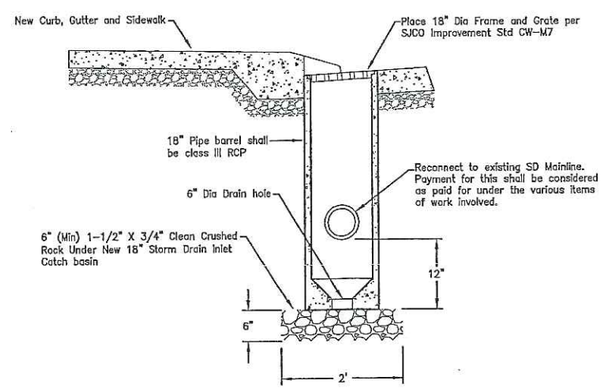
NOTES:

1. Construct expansion joints at 200' maximum intervals, at ends of curb returns, and at each side of fixed objects.
2. Transverse weakened plane joints shall be constructed at 12' maximum intervals.
3. All radii are 3/4" unless otherwise noted.
4. Curb, gutter and sidewalk shall have a fine broom finish.
5. At locations where new Curb, Gutter and Sidewalk conforms to existing, Curb, Gutter and Sidewalk shall be constructed with expansion joint and 3-foot transition for curb and gutter.
6. Existing 3' wide sidewalk on Inman Avenue will be replaced with 4' wide sidewalk, with a 5-foot transition (5:1) at ends.

Preliminary

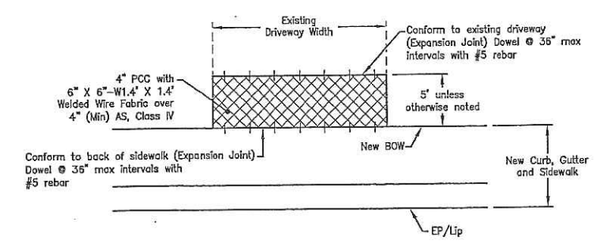
LEGEND:

- Existing Storm Drain Maintenance Hole Frame and Cover to remain in place unless otherwise noted.
- Existing Storm Drain Inlet to remain in place
- Existing Water Valve Frame and Cover to be adjusted by others
- Existing Water Valve Frame and Cover to remain in place
- Existing Utility Pole to remain in place
- Existing Curb, Gutter and Sidewalk to Remain
- Replacement of Curb, Gutter and Sidewalk
- Retrofit Curb Ramp Detectable Warning Surface at Existing Curb Ramp per SP A88A
- Fire Hydrant to remain in place
- WM Water Meter Frame and Cover to remain in place unless otherwise noted
- Existing Fence
- SD Existing Storm Drain Pipe



18" STORM DRAIN INLET CATCHBASIN DETAIL

Monterey Avenue: Sta 15+50 (Left)
Monterey Avenue: Sta 15+54 (Right)



DRIVEWAY DETAIL

DRAWN BY	DATE	PROJECT ENGINEER	DATE	CHECKED BY	DATE	COUNTY OF SAN JOAQUIN	SCALE AS SHOWN	TYPICAL SECTION, DETAILS AND GENERAL NOTES	INMAN AVENUE AND MONTEREY AVENUE RECONSTRUCTION (Plymouth Road to Delaware Avenue; Plymouth Road to Delaware Avenue)	SHEET NO.	TOTAL SHEETS
L. Aguilar	04/12									2	9

FILE NAME	DRAWER	SHEET NO.	ACAD	REVISIONS	DATE
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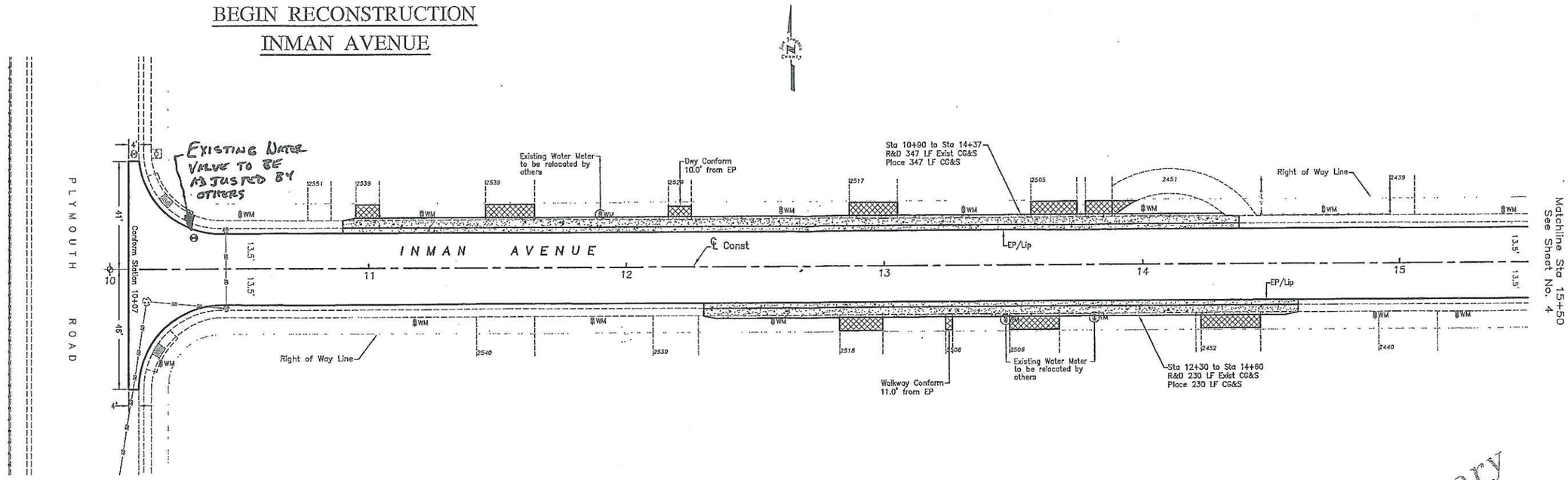
BEGIN RECONSTRUCTION
INMAN AVENUE



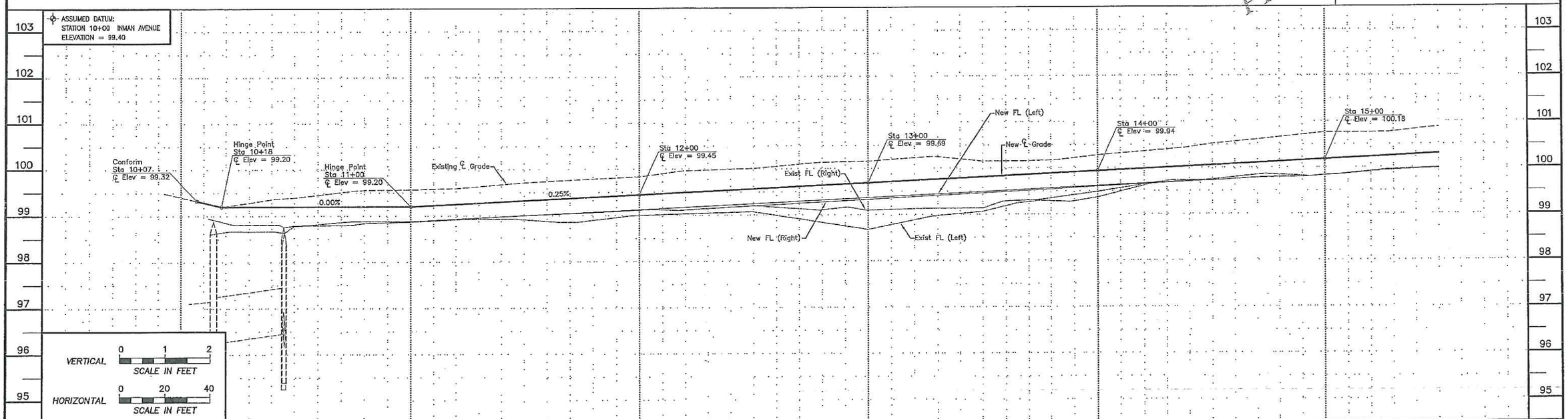
PLAN SCALE

0 20 40

SCALE IN FEET

Preliminary

Water and gas line depths and locations are not shown on profile. It shall be the Contractor's sole responsibility to protect all existing utilities.



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L. Aguilar	04/12					COUNTY OF SAN JOAQUIN	SCALE AS SHOWN	PLAN AND PROFILE	INMAN AVENUE AND MONTEREY AVENUE RECONSTRUCTION (Plymouth Road to Delaware Avenue; Plymouth Road to Delaware Avenue)	SHEET NO. 3	TOTAL SHEETS 9

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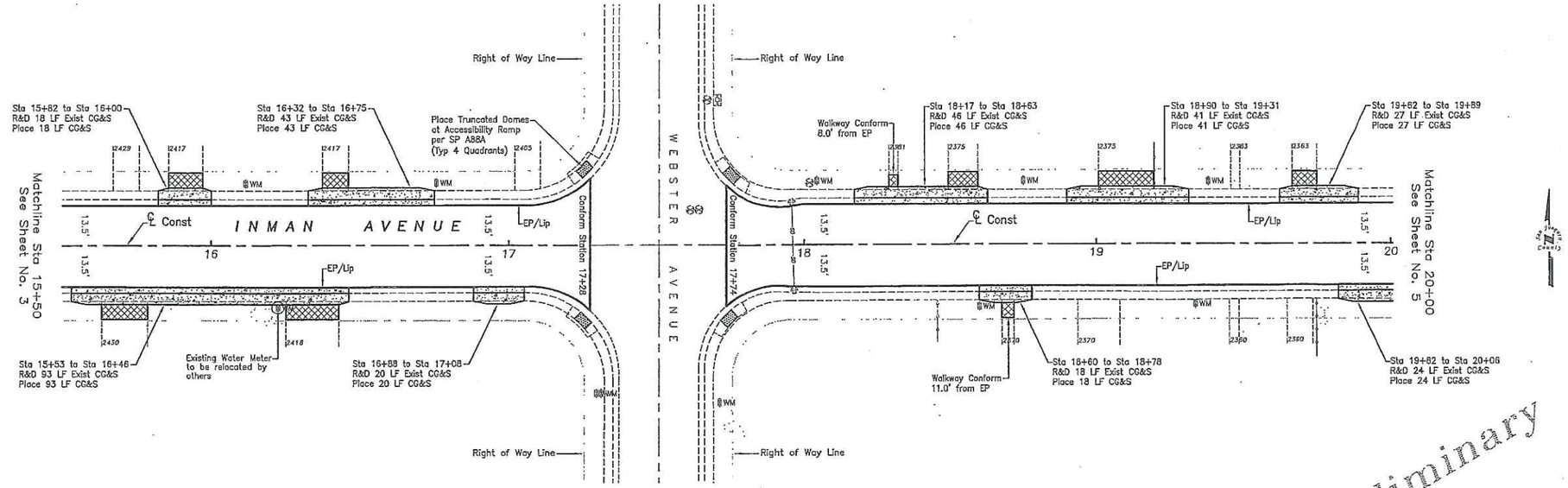

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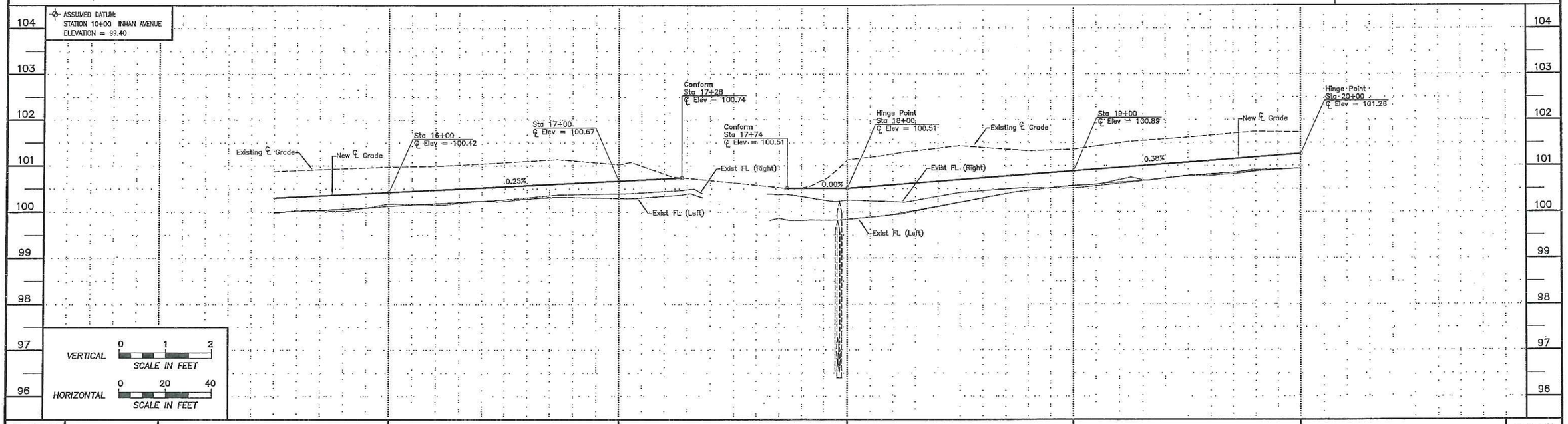

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L. Aguilar	04/12				

COUNTY OF SAN JOAQUIN | SCALE AS SHOWN | **PLAN AND PROFILE**

INMAN AVENUE AND MONTEREY AVENUE RECONSTRUCTION
(Plymouth Road to Delaware Avenue; Plymouth Road to Delaware Avenue)

SHEET NO.	TOTAL SHEETS
4	9

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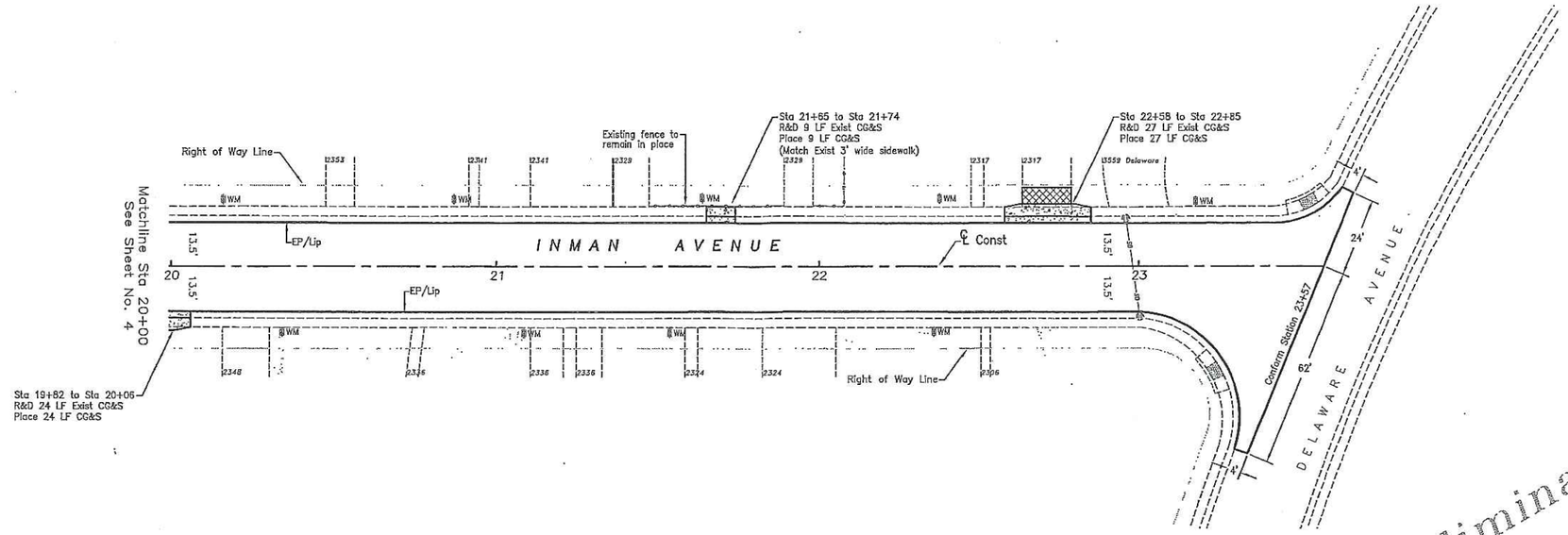
END RECONSTRUCTION
INMAN AVENUE



Preliminary

PLAN SCALE

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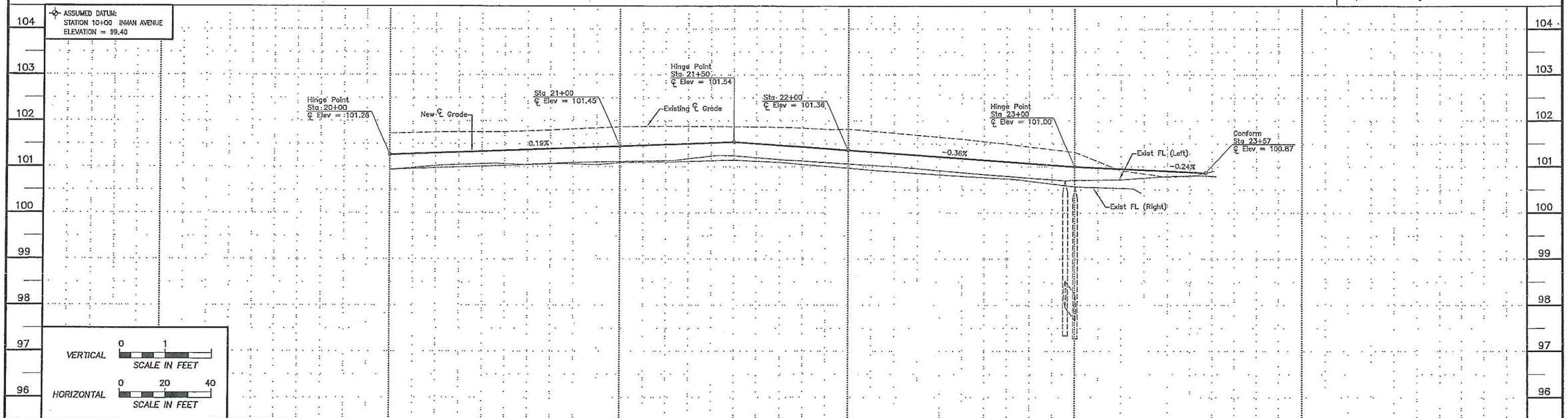

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L. Aguilar	04/12									5	9

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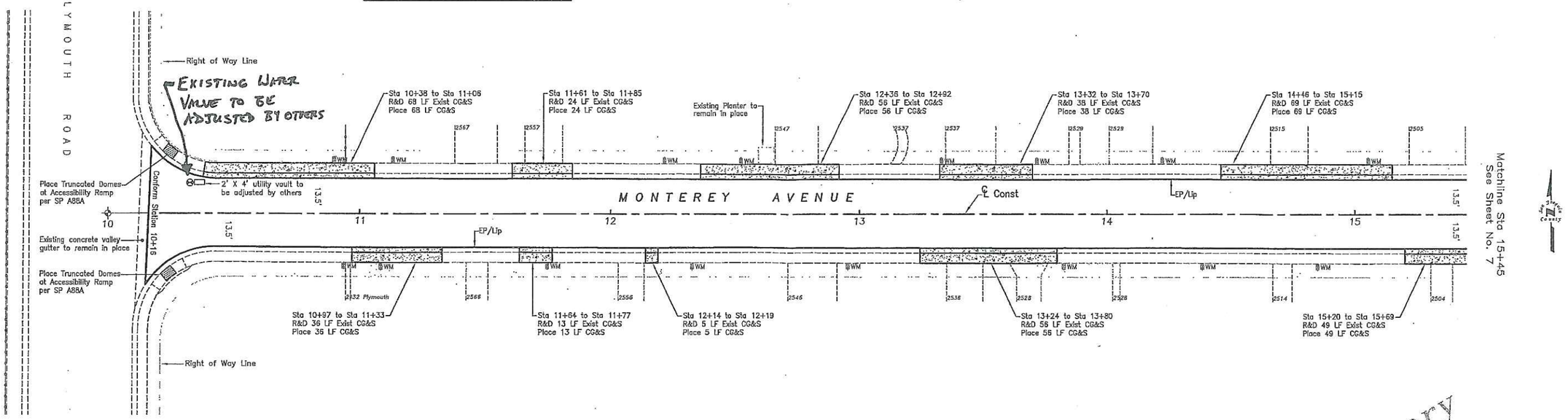
BEGIN RECONSTRUCTION
MONTEREY AVENUE



PLAN SCALE

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SCALE IN FEET

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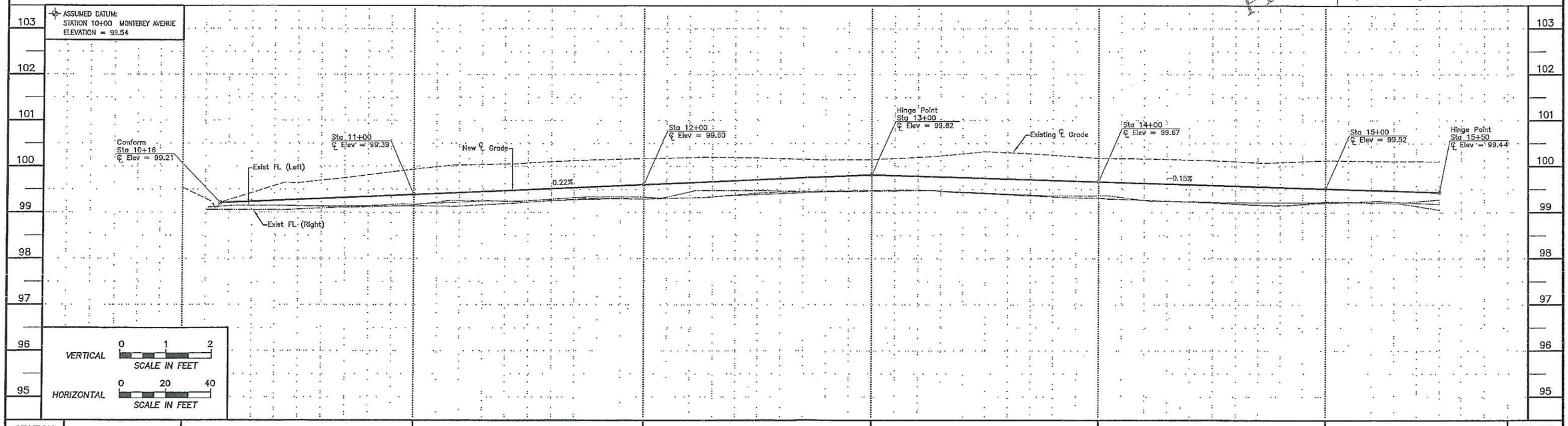

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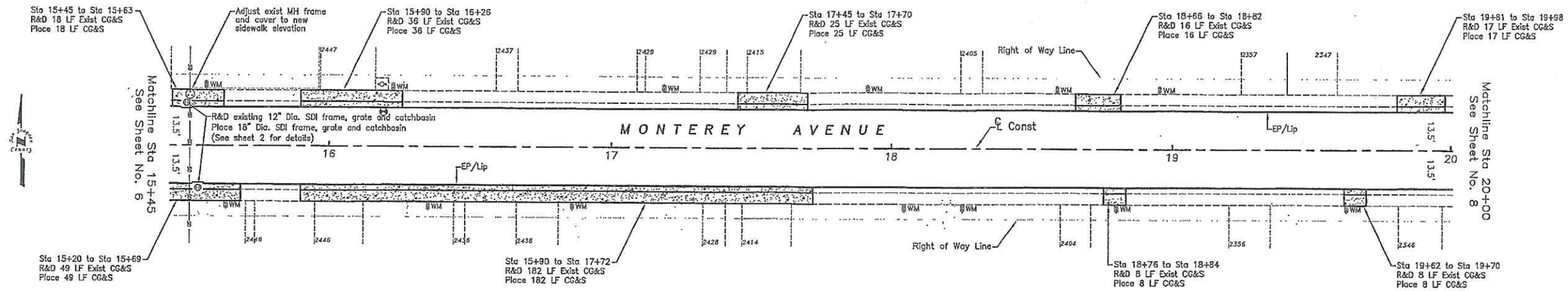

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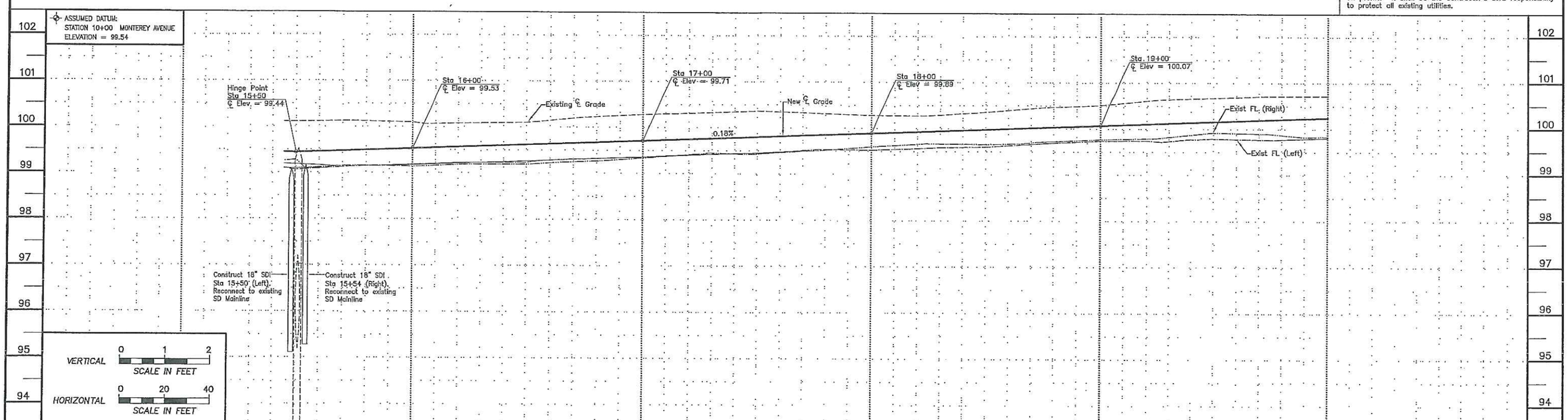

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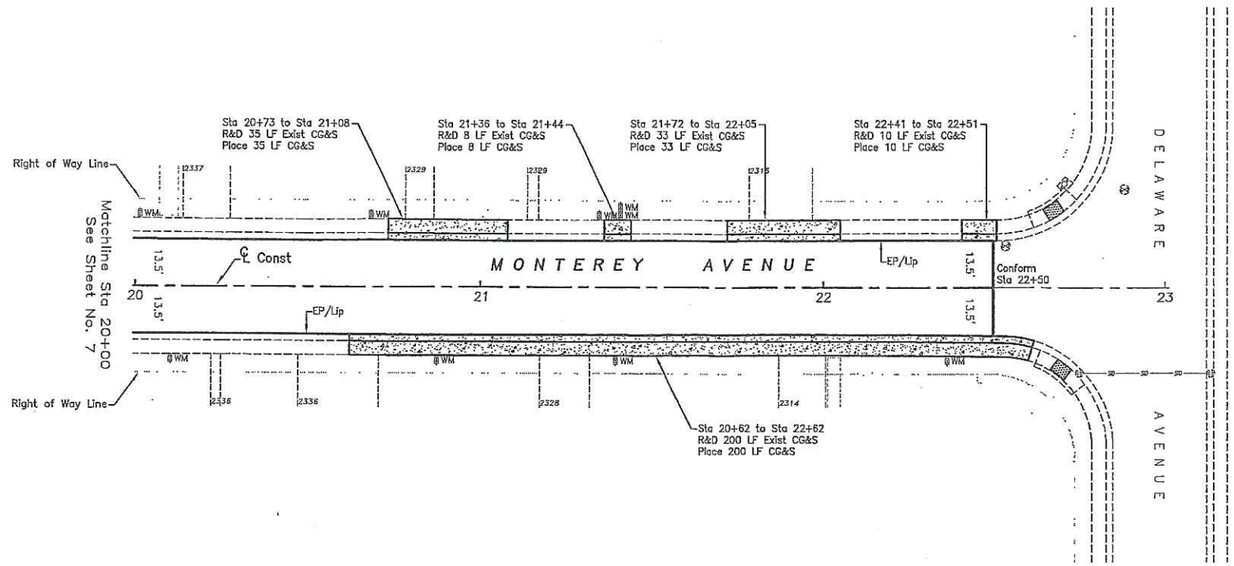
END RECONSTRUCTION
MONTEREY AVENUE



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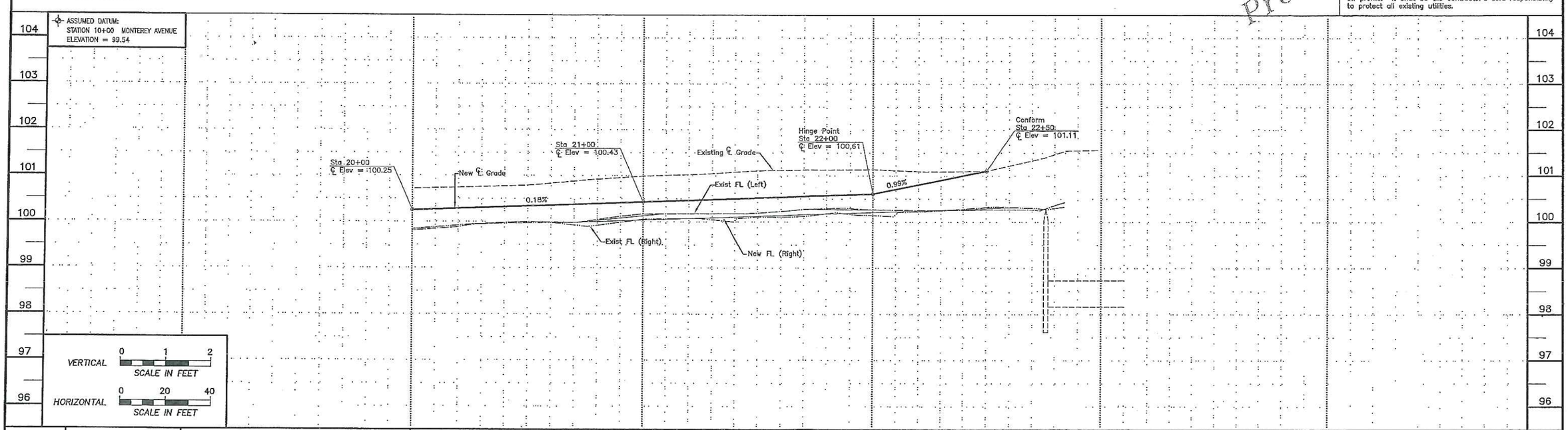

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FILE NAME	DRAWER	SHEET NO.	ACAD	REVISIONS	DATE
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WATER POLLUTION CONTROL

Location			Quantity
Inman Avenue			
Sta 10+45	(Left)	Storm Drain Inlet	
Sta 10+46	(Right)	Storm Drain Inlet	
Sta 17+96	(Left)	Storm Drain Inlet	
Sta 17+97	(Right)	Storm Drain Inlet	
Sta 22+96	(Left)	Storm Drain Inlet	
Sta 23+00	(Right)	Storm Drain Inlet	
Monterey Avenue			
Sta 15+50	(Left)	Storm Drain Inlet	
Sta 15+54	(Right)	Storm Drain Inlet	
Sta 22+75	(Right)	Storm Drain Inlet	
Sta 23+13	(Right)	Storm Drain Inlet	
		Total	LUMP SUM

DUST CONTROL (NON-WORKING HOURS)

Location	Quantity
Throughout Project	10 Each

CLEANING EXISTING DRAINAGE FACILITIES

Location			Quantity
Inman Avenue			
Sta 10+45	(Left)	Storm Drain Inlet	
Sta 10+46	(Right)	Storm Drain Inlet	
Sta 17+96	(Left)	Storm Drain Inlet	
Sta 17+97	(Right)	Storm Drain Inlet	
Sta 22+96	(Left)	Storm Drain Inlet	
Sta 23+00	(Right)	Storm Drain Inlet	
Monterey Avenue			
Sta 22+75	(Right)	Storm Drain Inlet	
Sta 23+13	(Right)	Storm Drain Inlet	
		Total	LUMP SUM

RETROFIT CURB RAMP DETECTABLE WARNING SURFACE

Location	Quantity
Inman Avenue	
NW Quadrant at Webster Avenue	1 Each
NE Quadrant at Webster Avenue	1 Each
SE Quadrant at Webster Avenue	1 Each
SW Quadrant at Webster Avenue	1 Each
Monterey Avenue	
NE Quadrant at Plymouth Road	1 Each
SE Quadrant at Plymouth Road	1 Each
NW Quadrant at Delaware Avenue	1 Each
SW Quadrant at Delaware Avenue	1 Each
Total	8 Each

ROADWAY EXCAVATION

Location	Quantity
Inman Avenue	
Sta 10+07 to Sta 17+28	820 CY
Sta 17+74 to Sta 23+57	715 CY
Monterey Avenue	
Sta 10+16 to Sta 22+50	1,466 CY
Total	3,001 CY

CLASS 2 AGGREGATE BASE

Location	Quantity
Inman Avenue	
Sta 10+07 to Sta 17+28	379 CY
Sta 17+74 to Sta 23+57	311 CY
Monterey Avenue	
Sta 10+16 to Sta 22+50	626 CY
Total	1,316 CY

ASPHALT CONCRETE (TYPE B)

Location	Quantity
Inman Avenue	
Sta 10+07 to Sta 17+28	530 TON
Sta 17+74 to Sta 23+57	436 TON
Monterey Avenue	
Sta 10+16 to Sta 22+50	876 TON
Total	1,842 TON

Preliminary

18-INCH DIAMETER STORM DRAIN INLET

Location		Quantity
Monterey Avenue		
Sta 15+50	(Left)	1 Each
Sta 15+54	(Right)	1 Each
	Total	2 Each

FRAME AND GRATE (18-INCH DIAMETER STORM DRAIN INLET)

Location		Quantity
Monterey Avenue		
Sta 15+50	(Left)	1 Each
Sta 15+54	(Right)	1 Each
	Total	2 Each

MINOR CONCRETE (CURB, GUTTER AND SIDEWALK)

Location		Quantity
Inman Avenue		
Sta 10+90 to Sta 14+37	(Left)	347 LF
Sta 12+30 to Sta 14+60	(Right)	230 LF
Sta 15+53 to Sta 16+46	(Right)	93 LF
Sta 15+82 to Sta 16+00	(Left)	18 LF
Sta 16+32 to Sta 16+75	(Left)	43 LF
Sta 16+88 to Sta 17+08	(Right)	20 LF
Sta 18+17 to Sta 18+63	(Left)	46 LF
Sta 18+60 to Sta 18+78	(Right)	18 LF
Sta 18+90 to Sta 19+31	(Left)	41 LF
Sta 19+62 to Sta 19+89	(Left)	27 LF
Sta 19+82 to Sta 20+06	(Right)	24 LF
Sta 21+65 to Sta 21+74	(Left)	9 LF
Sta 22+58 to Sta 22+85	(Left)	27 LF
Monterey Avenue		
Sta 10+38 to Sta 11+06	(Left)	68 LF
Sta 10+97 to Sta 11+33	(Right)	36 LF
Sta 11+61 to Sta 11+85	(Left)	24 LF
Sta 11+64 to Sta 11+77	(Right)	13 LF
Sta 12+14 to Sta 12+19	(Right)	5 LF
Sta 12+36 to Sta 12+92	(Left)	56 LF
Sta 13+24 to Sta 13+80	(Right)	56 LF
Sta 13+32 to Sta 13+70	(Left)	38 LF
Sta 14+46 to Sta 15+15	(Left)	69 LF
Sta 15+20 to Sta 15+69	(Right)	49 LF
Sta 15+45 to Sta 15+63	(Left)	18 LF
Sta 15+90 to Sta 16+26	(Left)	36 LF
Sta 15+90 to Sta 17+72	(Right)	182 LF
Sta 17+45 to Sta 17+70	(Left)	25 LF
Sta 18+66 to Sta 18+82	(Left)	16 LF
Sta 18+76 to Sta 18+84	(Right)	8 LF
Sta 19+62 to Sta 19+70	(Right)	8 LF
Sta 19+81 to Sta 19+98	(Left)	17 LF
Sta 20+62 to Sta 22+62	(Right)	200 LF
Sta 20+73 to Sta 21+08	(Left)	35 LF
Sta 21+36 to Sta 21+44	(Left)	8 LF
Sta 21+72 to Sta 22+05	(Left)	33 LF
Sta 22+41 to Sta 22+51	(Left)	10 LF
	Total	1,953 LF

MINOR CONCRETE (DRIVEWAY)

Location			Quantity
Inman Avenue			
Sta 11+00	(Left)	2539 Inman Avenue	6 SQYD
Sta 11+56	(Left)	2539 Inman Avenue	13 SQYD
Sta 12+21	(Left)	2529 Inman Avenue	5 SQYD
Sta 12+96	(Left)	2517 Inman Avenue	13 SQYD
Sta 13+66	(Left)	2505 Inman Avenue	12 SQYD
Sta 13+85	(Left)	2451 Inman Avenue	7 SQYD
Sta 12+91	(Right)	2518 Inman Avenue	11 SQYD
*Sta 13+25	(Right)	2506 Inman Avenue	2 SQYD
Sta 13+58	(Right)	2506 Inman Avenue	13 SQYD
Sta 14+33	(Right)	2452 Inman Avenue	15 SQYD
Sta 15+72	(Right)	2430 Inman Avenue	10 SQYD
Sta 16+34	(Left)	2418 Inman Avenue	12 SQYD
Sta 15+91	(Left)	2417 Inman Avenue	8 SQYD
Sta 16+41	(Left)	2417 Inman Avenue	6 SQYD
*Sta 18+30	(Left)	2381 Inman Avenue	2 SQYD
Sta 18+55	(Left)	2375 Inman Avenue	7 SQYD
*Sta 18+70	(Right)	2370 Inman Avenue	3 SQYD
Sta 19+11	(Left)	2375 Inman Avenue	12 SQYD
Sta 19+71	(Left)	2363 Inman Avenue	5 SQYD
Sta 22+70	(Left)	2317 Inman Avenue	10 SQYD
Monterey Avenue			
Sta ___+___	(_____)	_____ Monterey Avenue	____ SQYD
		Total	172 SQYD

* Concrete Walkway

SOIL STABILIZATION FABRIC

Location	Quantity
Inman Avenue	
Sta 10+07 to Sta 17+28	2,272 SQYD
Sta 17+74 to Sta 23+57	1,867 SQYD
Monterey Avenue	
Sta 10+16 to Sta 22+50	3,756 SQYD
Total	7,895 SQYD

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