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- PIP PROTECT IN PLACE, DESCRIPTION PER PLAN.
- OL OVERLAY THE ENTIRE PAVEMENT WIDTH WITH VARIABLE THICKNESS A.R.H.M.-GG (MINIMUM DEPTH=2")
- 304/Mod CONSTRUCT WHEELCHAIR RAMP PER STD 304, MODIFIED TYPE 1. (REPLACE ONE OR TWO WINGS WITH VERTICAL CURB TO MEET EXISTING CONDITIONS.

- 1 REMOVE AND REPLACE EXISTING DAMAGED WATER METER BOX (CONTRACTOR TO MAKE ARRANGEMENT WITH PUD-W TO PICK UP CITY-FURNISHED METER BOXES)
- 2 BASED ON THE AS BUILT PLANS (SEE BELOW RIGHT) AND ASPHALT CORING INFORMATION FOR TYLER STREET BETWEEN FREEWAY 91 AND HOLE AVE, IT HAS BEEN ASSUMED THAT THE EXISTING ASPHALT PAVEMENT STRUCTURAL SECTIONS GENERALLY INCLUDE THE FOLLOWING: 0.6' TO 1.2' FULL DEPTH AC OVER NATIVE SUBGRADE; 0.5' AC/0.8' AB; AND 0.6' AC/0.9' AB. THE AREAS OF DETERIORATED PAVEMENT MARKED FOR REMOVAL (GREY SHADED AREAS) AND CORRESPONDING BID QUANTITIES ARE APPROXIMATE. THE ACTUAL AREAS FOR REMOVAL & RECONSTRUCTION OF DETERIORATED PAVEMENT WILL BE MARKED IN THE FIELD BY THE ENGINEER AFTER THE 2"-UNIFORM COLD-MILLING OPERATION IS COMPLETED. IN SUCH MARKED AREAS, WHERE THE EXISTING STRUCTURAL SECTION WAS PRESUMED TO BE APPROXIMATELY 0.5' TO 0.6' AC/0.9' AB, THE EXISTING PAVEMENT AND SUFFICIENT DEPTH OF EXISTING AB SHALL BE REMOVED AND REPLACED WITH 5" OF DGAC IN LIFTS NOT EXCEEDING 4" IN THICKNESS. IN AREAS OF REMOVAL, WHERE THE EXISTING STRUCTURAL SECTION WAS PRESUMED TO BE APPROXIMATELY 0.6' TO 1.2' OF FULL DEPTH AC OVER NATIVE SUBGRADE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED PAVEMENT BY COLD-MILLING TO A DEPTH NOT LESS THAN 4". IF THE ENGINEER DETERMINES THAT THE REMAINING DEPTH OF DETERIORATED PAVEMENT REQUIRES ADDITIONAL REMOVAL, CONTRACTOR WILL BE DIRECTED TO REMOVE AN ADDITIONAL PAVEMENT BY ADDITIONAL COLD MILLING IN SUCCESSIVE 4"-THICK PASSES. ASPHALT PAVEMENT FOR COLD MILLED AREAS SHALL BE REPLACED WITH FULL DEPTH DGAC IN LIFTS NOT EXCEEDING 4" IN THICKNESS.
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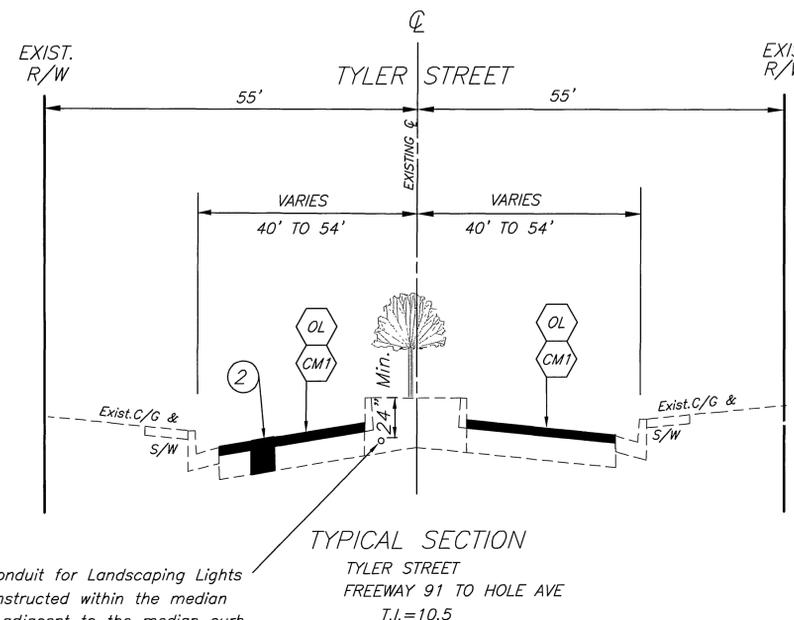
RIVERSIDE



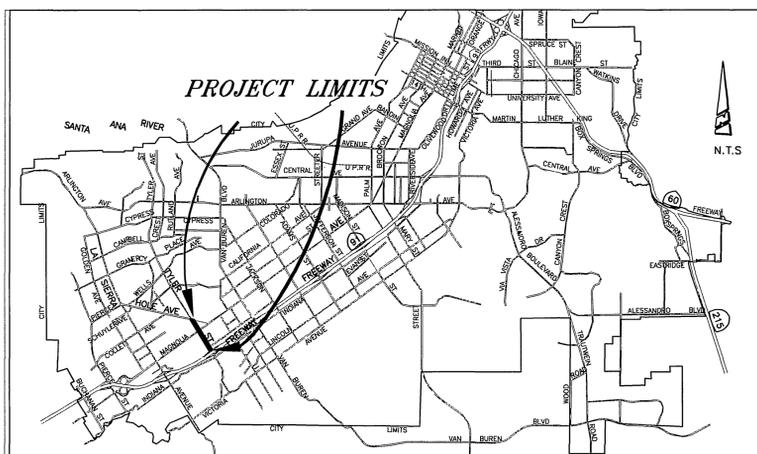
CALIFORNIA

PUBLIC WORKS DEPARTMENT

TYLER STREET IMPROVEMENTS
FREEWAY 91 TO HOLE AVENUE (0.7 MILES)



Electrical conduit for Landscaping Lights shall be constructed within the median immediately adjacent to the median curb



LOCATION MAP

CONSTRUCTION LEGEND:

—	STREET CENTERLINE	---	STREET R/W
---	EXISTING CONTOUR	—	TOP OF CURB
—	TC TOP OF CURB	—	EP EDGE OF PAVEMENT
—	EP EDGE OF PAVEMENT	—	FS FINISHED SURFACE
—	FS FINISHED SURFACE	—	CL CENTERLINE
—	CL CENTERLINE	—	AC ASPHALTIC CONCRETE
—	AC ASPHALTIC CONCRETE	—	PCC PORTLAND CEMENT CONCRETE
—	PCC PORTLAND CEMENT CONCRETE	—	C&G CURB AND GUTTER
—	C&G CURB AND GUTTER	—	R/W R/W
—	R/W R/W	●	CORING LOCATION (TAKEN FROM GEOTECHNICAL REPORT PREPARED BY LOR, INC., DATED NOVEMBER 21, 2008. FOR ADDITIONAL INFORMATION, SEE THE REPORT.)

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	--- (S)
WATER LINE	--- (W)
UNDERGROUND ELECTRIC	--- (UGE)

Utilities Count:

W.V.	24
Sewer M.H.	15
Storm Drain M.H.	12
Electric Vault	7

EXISTING TOPOGRAPHY:

- ⊙ SANITARY SEWER M.H.
- ⊙ STORM DRAIN M.H.
- ⊙ WATER GATE VALE
- ⊙ ELECTRIC M.H.
- ⊙ TELEPHONE M.H.
- ⊙ WATER METER
- ⊙ FIRE HYDRANT
- ⊙ IRRIGATION METER
- ⊙ BLOW-OFF VALVE
- ⊙ TRAFFIC SIGN
- ⊙ POWER POLE
- ⊙ GUY ANCHOR
- ⊙ STREET LIGHT ON MAST ARM
- ⊙ ELECTRICAL TEST STATION (PIPELINE)
- 🌴 PALM TREE
- 🌳 MISC. TREE
- TREE STUMP
- ↗ TOP OF SLOPE
- ↘ TOE OF SLOPE
- DIRECTION DRAINAGE FLOW
- ⚡ EDGE OF PAVEMENT

SHEET INDEX:

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2 TO 5	TYLER ST IMPROVEMENTS (R-4108)
1 TO 4	TYLER ST MEDIAN LANDSCAPING (L-4108)

Note: Tyler Street as-built plans can be found at the City's website "www.riversideca.gov" Please refer to plan "R-3194" and "L-3194"

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ENGINEER IN RESPONSIBLE CHARGE
Ibrahim A. Massoud
R.C.E. No. 64224 expires 6/30/09
DATE 3/26/09



MARK	REVISIONS	APPR.	DATE

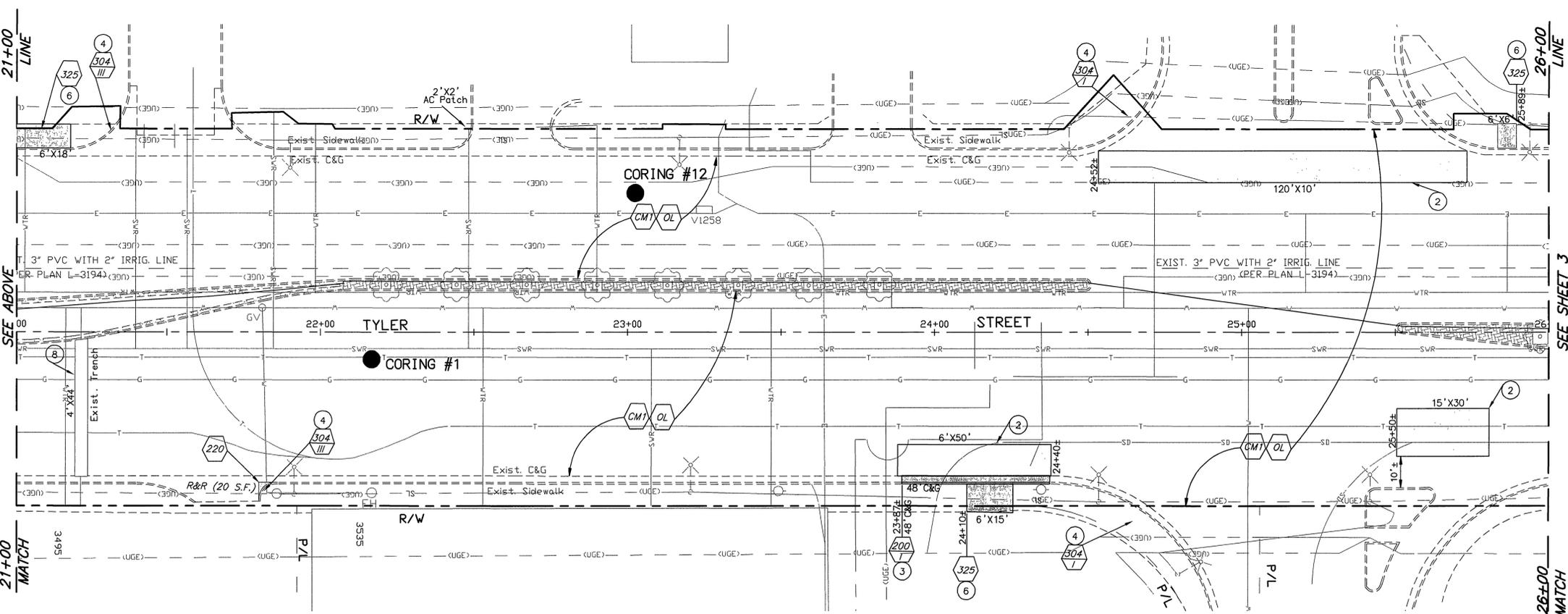
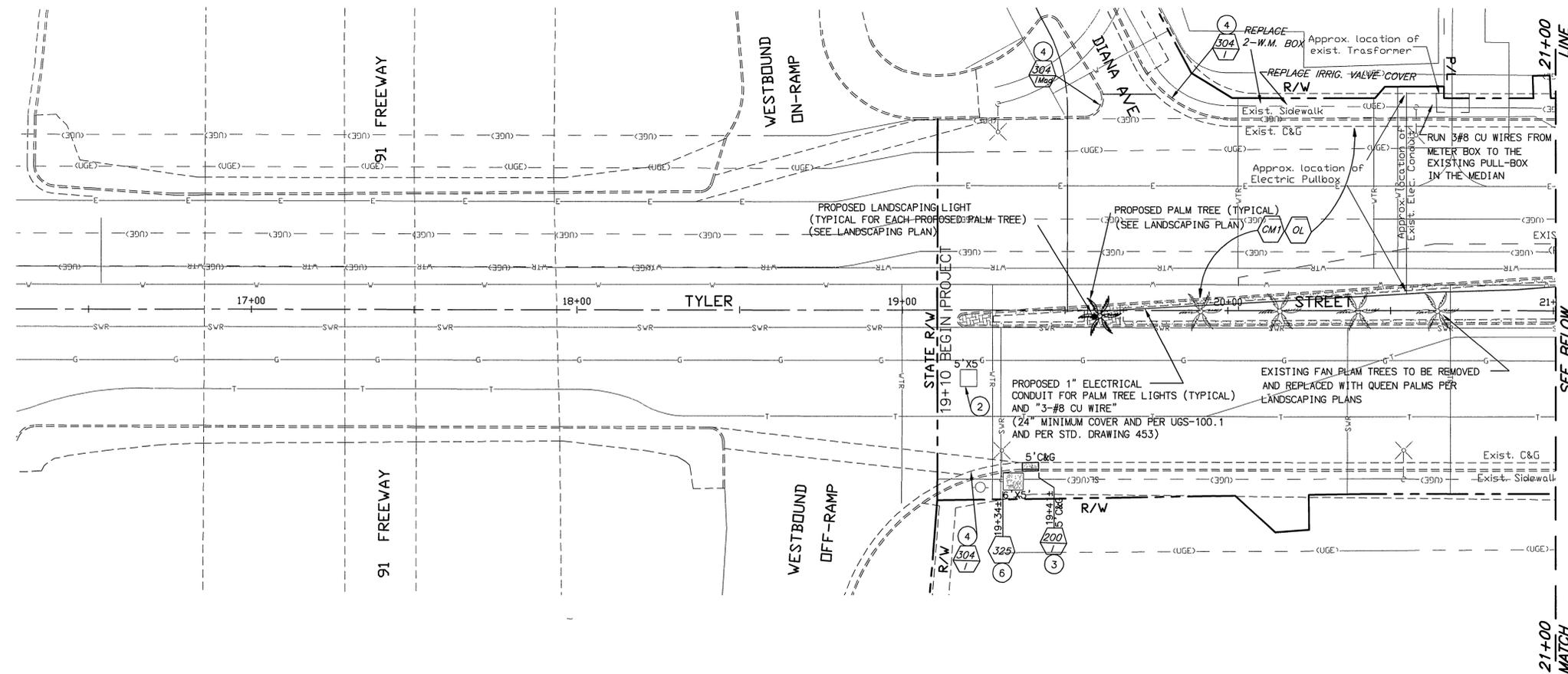
DESIGNED BY AE DRAWN BY AE CHECKED BY IM

APPROVED BY	BY	DATE
ENGINEERING MANAGER	ML 3-21-09	
CONSTRUCTION ADMIN	R 3-26-09	
SURVEYOR		
STREET SERVICES	gar 3-26-07	
TRAFFIC ENGINEER	A.H. 3-19-09	
PARK & REC. DEP.		

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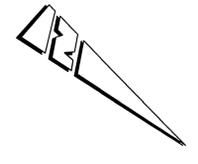
TYLER STREET IMPROVEMENTS
FREEWAY 91 TO HOLE AVE
HORIZ. SCALE: 1"=20'

ACCT. NO. 9829800-440446
W.O. NO. 0904684
R-4108
SHEET 1 OF 5
FILE NO.



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ENGINEER IN RESPONSIBLE CHARGE
 Ibrahim A. Massoud
 R.C.E. No. 64224 expires 6/30/09
 DATE 3/26/09

MARK	REVISIONS	APPR.	DATE

DESIGNED BY AE DRAWN BY AE CHECKED BY JM

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ENGINEERING MANAGER	MM	3-27-09
CONSTRUCTION ADMIN.	AS	3-26-09
SURVEYOR		
STREET SERVICES		3-26-09
TRAFFIC ENGINEER		3-19-09
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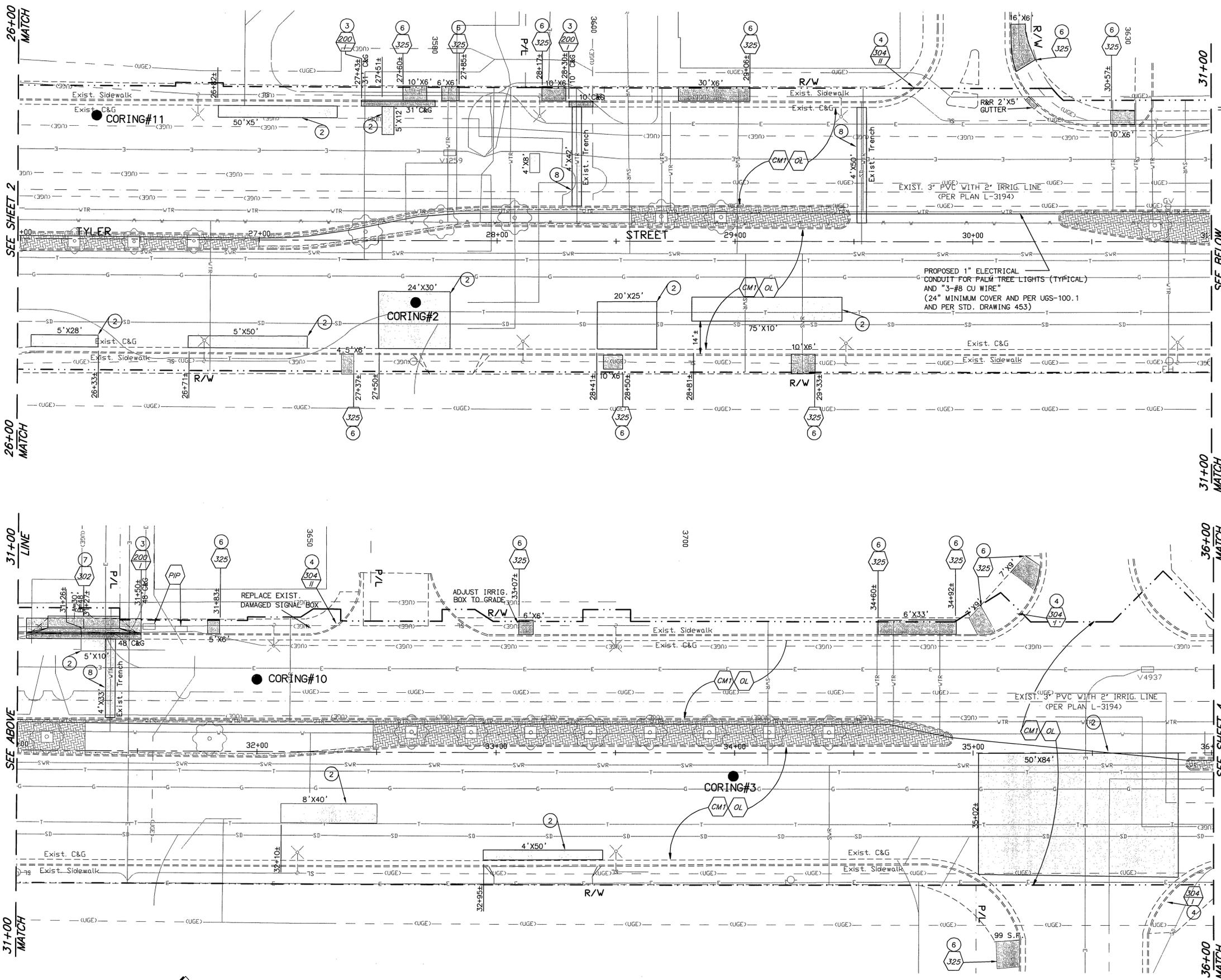
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ACCT. NO. 9829800-440446
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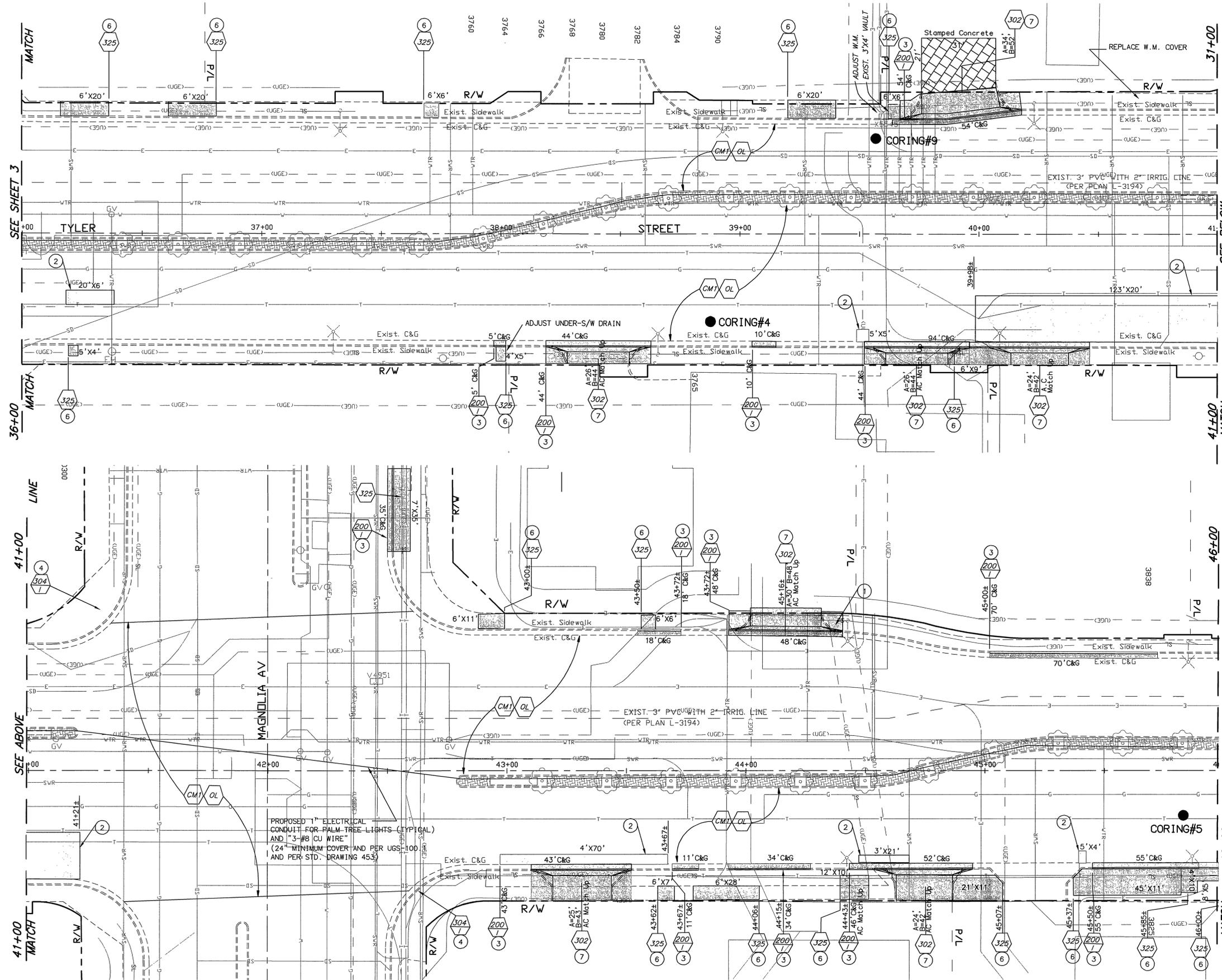
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ENGINEERING MANAGER	ML	3-27-09
CONSTRUCTION ADMN.	AB	3-26-09
SURVEYOR		
STREET SERVICES		
TRAFFIC ENGINEER		
PARK & REC. DEP.		

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PUBLIC WORKS DEPARTMENT
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 CIVIL ENGINEER
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TYLER STREET IMPROVEMENTS
 FREEWAY 91 TO HOLE AVE
 HORIZ. SCALE: 1"=20'

ACCT. NO. 9829800-440446
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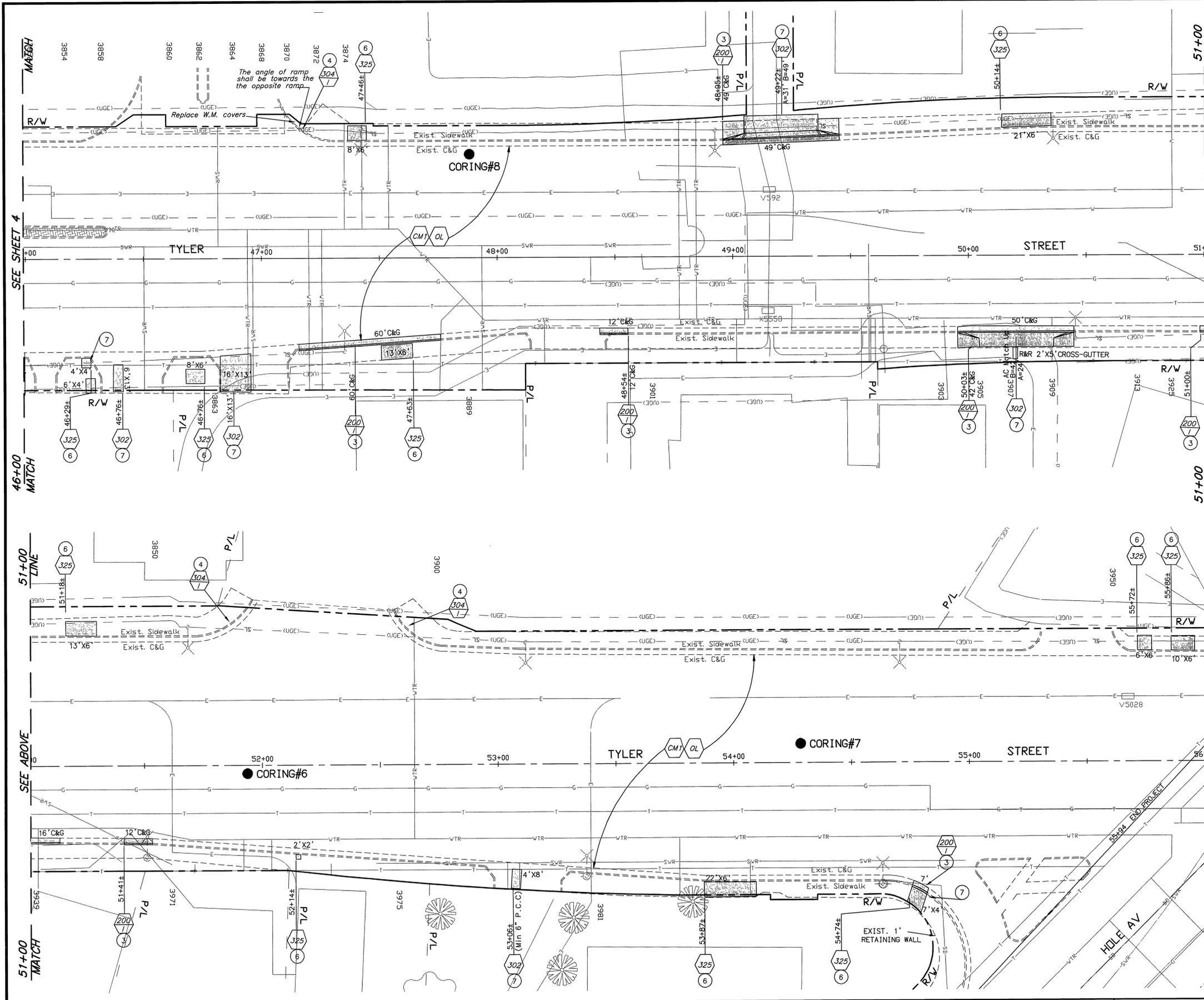
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- 1 REMOVE AND REPLACE EXISTING DAMAGED WATER METER BOX (CONTRACTOR TO MAKE ARRANGEMENT WITH PUD-W TO PICK UP CITY-FURNISHED METER BOXES)
 - 2 BASED ON THE AS BUILT PLANS AND ASPHALT CORING INFORMATION FOR TYLER STREET BETWEEN FREEWAY 91 AND HOLE AVE, IT HAS BEEN ASSUMED THAT THE EXISTING ASPHALT PAVEMENT STRUCTURAL SECTIONS GENERALLY INCLUDE THE FOLLOWING: 0.6' TO 1.2' FULL DEPTH AC OVER NATIVE SUBGRADE; 0.5' AC/0.8' AB; AND 0.6' AC/0.9' AB. THE AREAS OF DETERIORATED PAVEMENT MARKED FOR REMOVAL (GREY SHADED AREAS) AND CORRESPONDING BID QUANTITIES ARE APPROXIMATE. THE ACTUAL AREAS FOR REMOVAL & RECONSTRUCTION OF DETERIORATED PAVEMENT WILL BE MARKED IN THE FIELD BY THE ENGINEER AFTER THE 2"-UNIFORM COLD-MILLING OPERATION IS COMPLETED. IN SUCH MARKED AREAS, WHERE THE EXISTING STRUCTURAL SECTION WAS PRESUMED TO BE APPROXIMATELY 0.5' TO 0.6' AC/0.9' AB, THE EXISTING PAVEMENT AND SUFFICIENT DEPTH OF EXISTING AB SHALL BE REMOVED AND REPLACED WITH 5" OF DGAC IN LIFTS NOT EXCEEDING 4" IN THICKNESS. IN AREAS OF REMOVAL, WHERE THE EXISTING STRUCTURAL SECTION WAS PRESUMED TO BE APPROXIMATELY 0.6' TO 1.2' OF FULL DEPTH AC OVER NATIVE SUBGRADE, THE CONTRACTOR SHALL REMOVE THE DETERIORATED PAVEMENT BY COLD-MILLING TO A DEPTH NOT LESS THAN 4". IF THE ENGINEER DETERMINES THAT THE REMAINING DEPTH OF DETERIORATED PAVEMENT REQUIRES ADDITIONAL REMOVAL, CONTRACTOR WILL BE DIRECTED TO REMOVE AN ADDITIONAL PAVEMENT BY ADDITIONAL COLD MILLING IN SUCCESSIVE 4"-THICK PASSES. ASPHALT PAVEMENT FOR COLD MILLED AREAS SHALL BE REPLACED WITH FULL DEPTH DGAC IN LIFTS NOT EXCEEDING 4" IN THICKNESS.
 - 3 REMOVE AND REPLACE EXISTING CURB & GUTTER PER STD. DRAWING 200 AS SHOWN ON THE PLAN AND AS DIRECTED BY THE ENGINEER. (CONTRACTOR SHALL NOTIFY THE ENGINEER TO DETERMINE THE PROPER LONGITUDINAL GRADE AND THE NEED FOR STAKING OF CURB AND GUTTER THAT EXCEED 50 FEET IN LENGTH AND CROSS GUTTER PRIOR TO THE REMOVAL OF THESE AREAS.)
 - 4 REMOVE AND REPLACE EXISTING ACCESS RAMP PER STD. DRAWING 304 AND AS SHOWN ON THE PLAN
 - 5 REMOVE AND REPLACE EXISTING DAMAGED TRAFFIC SIGNAL BOX
 - 6 REMOVE AND REPLACE EXISTING SIDEWALK PER STD. DRAWING 325
 - 7 REMOVE AND REPLACE EXISTING DRIVEWAY PER STD. DRAWING 302 (TYPE CURB-I) USING PCC QUICK-SET CONCRETE
 - 8 AFTER THE UNIFORM COLD-MILLING OPERATION TO A DEPTH OF MINIMUM 2" IS COMPLETED, COLD-MILL AN ADDITIONAL 4" AC AT THE EXISTING TRENCH AND A MIN. 12" AT BOTH SIDES OF THE EXISTING TRENCH EDGES AND REPLACE WITH DGAC PER STD DRAWING 453.



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Ibrahim A. Massoud
R.I.C.E. No. 64224 expires 6/30/09
DATE 3/26/09

APPROVED BY	BY	DATE
ENGINEERING MANAGER	[Signature]	3/27/09
CONSTRUCTION ADMIN.	[Signature]	3/26/09
SURVEYOR		
STREET SERVICES	[Signature]	3/26/09
TRAFFIC ENGINEER	[Signature]	3/19/09
PARK & REC. DEP.		

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY
[Signature]
DATE 3/27/09

TYLER STREET IMPROVEMENTS
FREEWAY 91 TO HOLE AVE
HORIZ. SCALE: 1"=20'

ACCT. NO. 9829800-440464
W.O. NO. 0904684
R-4108
SHEET 5 OF 5
FILE NO.