

**CRENSHAW/LAX TRANSIT CORRIDOR DESIGN/BUILD**

APPROVED

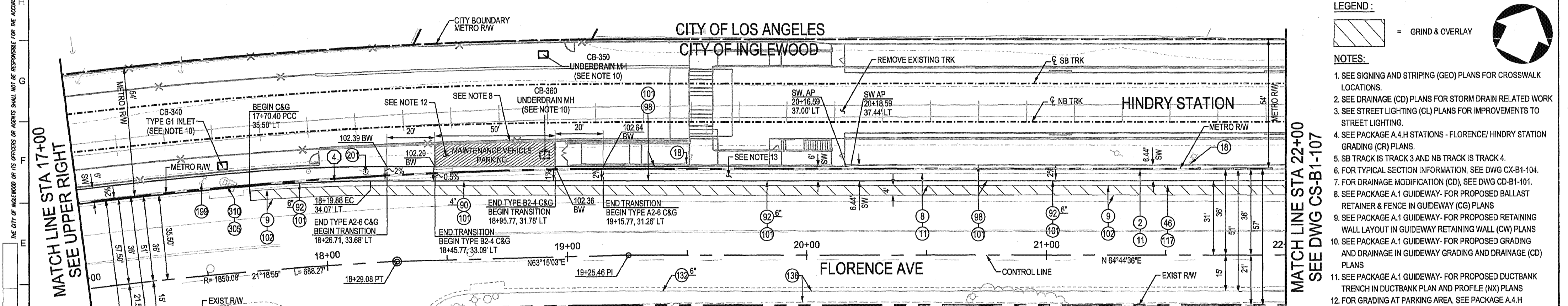
APPROVED AS NOTED, NO RESUBMITTAL REQUIRED

REJECTED, REVISE AND RESUBMIT

RECORD ONLY

Director, Construction MGR / Engineer: *Mark You...* Date: *1/20/16*

CURVE DATA TABLE				
No.	RADIUS	DELTA	LENGTH	TANGENT
1	250.00'	43°46'59" LT	191.04'	100.46'
2	1471.50'	2°19'11" RT	59.57'	29.79'
3	1960.00'	10°53'57" LT	372.84'	186.99'
4	600.00'	4°49'03" RT	50.45'	25.24'
5	1471.50'	1°56'21" RT	49.80'	24.90'



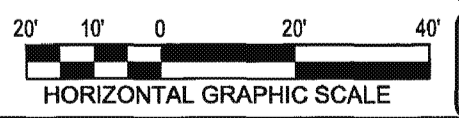
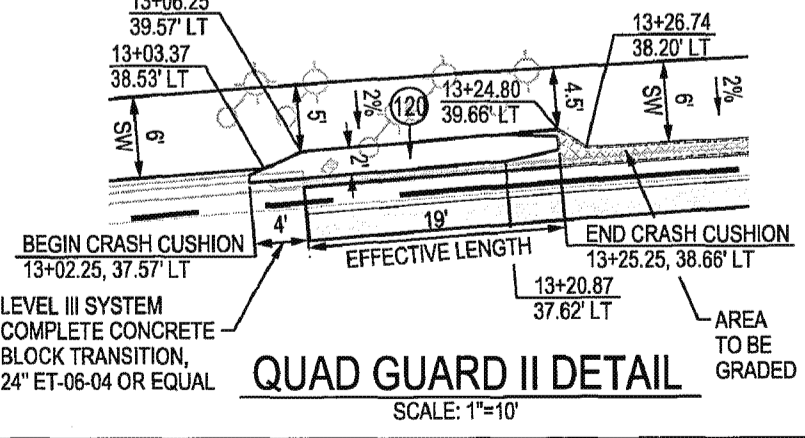
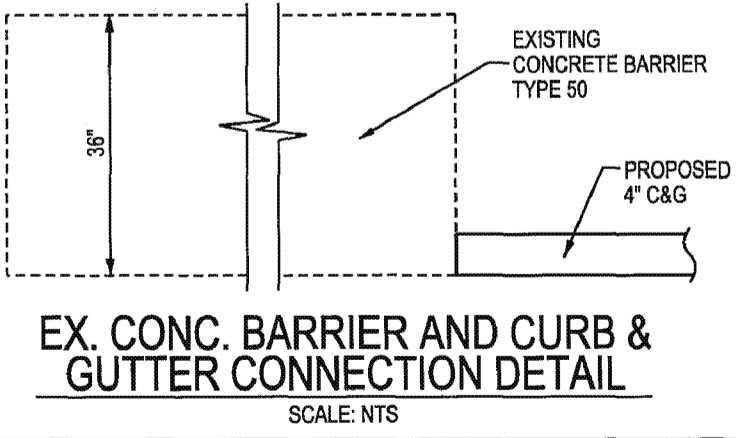
**LEGEND:**

= GRIND & OVERLAY

- NOTES:**
- SEE SIGNING AND STRIPING (GEO) PLANS FOR CROSSWALK LOCATIONS.
  - SEE DRAINAGE (CD) PLANS FOR STORM DRAIN RELATED WORK
  - SEE STREET LIGHTING (CL) PLANS FOR IMPROVEMENTS TO STREET LIGHTING.
  - SEE PACKAGE A.4.H STATIONS - FLORENCE/HINDRY STATION GRADING (CR) PLANS.
  - SB TRACK IS TRACK 3 AND NB TRACK IS TRACK 4.
  - FOR TYPICAL SECTION INFORMATION, SEE DWG CX-B1-104.
  - FOR DRAINAGE MODIFICATION (CD), SEE DWG CD-B1-101.
  - SEE PACKAGE A.1 GUIDEWAY - FOR PROPOSED BALLAST RETAINER & FENCE IN GUIDEWAY (CG) PLANS
  - SEE PACKAGE A.1 GUIDEWAY - FOR PROPOSED RETAINING WALL LAYOUT IN GUIDEWAY RETAINING WALL (CW) PLANS
  - SEE PACKAGE A.1 GUIDEWAY - FOR PROPOSED GRADING AND DRAINAGE IN GUIDEWAY GRADING AND DRAINAGE (CD) PLANS
  - SEE PACKAGE A.1 GUIDEWAY - FOR PROPOSED DUCTBANK TRENCH IN DUCTBANK PLAN AND PROFILE (NX) PLANS
  - FOR GRADING AT PARKING AREA, SEE PACKAGE A.4.H STATION GRADING DWG CR-2001
  - SIDEWALK IN METRO'S R/W TO BE OWNED AND MAINTAINED BY THE CITY OF INGLEWOOD
  - SEE BOTTOM LEFT FOR EXISTING CONCRETE BARRIER TO CURB & GUTTER CONNECTION DETAIL

**CONSTRUCTION NOTES**

- 2 REMOVE EXISTING CURB & GUTTER
- 8 REMOVE EXISTING ASPHALT CONCRETE PAVEMENT
- 9 COLD PLANE EXISTING AC PAVEMENT, MAXIMUM 2"
- 11 REMOVE EXISTING CRUSHED MISCELLANEOUS BASE
- 18 REMOVE EXISTING STREET LIGHT
- 24 REMOVE EXISTING METAL BEAM GUARDRAIL
- 46 SAWCUT/JOIN EXISTING PAVEMENT
- 64 RELOCATE EXISTING STREET LIGHTING POLE
- 76 RELOCATE EXISTING STREET SIGN AND POST
- 90 CONSTRUCT CURB AND GUTTER "TYPE B2" PER SPPWC STD. PLAN 121-2, "CF" PER PLAN
- 92 CONSTRUCT CURB AND GUTTER "TYPE A2" PER SPPWC STD. PLAN 120-2, "CF" PER PLAN
- 98 CONSTRUCT 4" THICK PCC SIDEWALK, JOINTS PER SPPWC STD. PLAN 112-2
- 101 INSTALL CRUSHED MISCELLANEOUS BASE (CMB) OVER COMPACTED NATIVE, THICKNESS SHOWN ON TYPICAL SECTION
- 102 CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY, MINIMUM 2"
- 117 CURB & GUTTER SLOT PAVING DETAIL AS SHOWN ON CX-B1-101
- 121 INSTALL QUADGUARD II SYSTEM (MODEL: QG210024) CRASH CUSHION (REFER TO DETAIL SHOWN HEREON)
- 129 RELOCATE EXISTING STREET LIGHTING PULL BOX
- 132 EXISTING CURB & GUTTER TO REMAIN IN PLACE
- 136 EXISTING CONCRETE SIDEWALK TO REMAIN IN PLACE
- 138 EXISTING ASPHALT CONCRETE PAVEMENT TO REMAIN IN PLACE
- 309 EXISTING LOCAL DEPRESSION TO REMAIN IN PLACE
- 150 EXISTING SIGN AND POST TO REMAIN IN PLACE
- 199 EXISTING STREET LIGHTING POLE TO REMAIN IN PLACE
- 201 EXISTING POWER POLE TO REMAIN IN PLACE
- 224 RELOCATE EXISTING ELECTRICAL VENTS
- 310 EXISTING CATCH BASIN TO REMAIN IN PLACE



**CITY OF INGLEWOOD, CALIFORNIA PUBLIC WORKS DEPARTMENT**

SUBMITTED BY/APPROVED BY: *[Signature]* **1-19-16**

ELOY CASTILLO, P.E. C69100, PRINCIPAL CIVIL ENGINEER

PACKAGE B-1.5 APPROVED FOR CONSTRUCTION SUBMITTAL

THE PREPARATION OF THIS DRAWING HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND IN PART BY THE TAXES OF THE CITIZENS OF LOS ANGELES COUNTY AND OF THE STATE OF CALIFORNIA.

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION
0	1/15/16						AFC SUBMITTAL

DESIGNED BY: MANUEL BARRIOS  
 DRAWN BY: GERARDO REYES  
 CHECKED BY: RAVI PUDIPEDDI  
 IN CHARGE: NOAH BUSCH  
 DATE: 1/15/2016

**M** LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  
**Metro**

WALSH-SHEA CORRIDOR CONSTRUCTORS  
 1777 Oakland Blvd.  
 Walnut Creek, CA 94596

**HNTB**  
 APPROVED

**W&S**  
 SUBMITTED

**CRENSHAW/LAX TRANSIT CORRIDOR PROJECT**  
**SEGMENT B1 - STREET MODIFICATION PLAN**  
**FLORENCE AVE W/O HINDRY AVE**

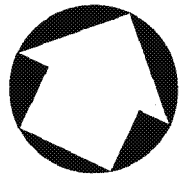
CONTRACT NO: **C0988**  
 DRAWING NO: **CS-B1-105** REV: **0**  
 SCALE: **1" = 20'**  
 SHEET NO:



CURVE DATA TABLE				
No.	RADIUS	DELTA	LENGTH	TANGENT
1	25.00'	64°23'58" LT	28.10'	15.74'
2	40.00'	40°55'31" LT	28.57'	14.93'
3	15.00'	115°36'02" RT	30.26'	23.82'
4	25.00'	64°23'58" RT	28.10'	15.74'
5	40.00'	28°51'54" LT	20.15'	10.29'

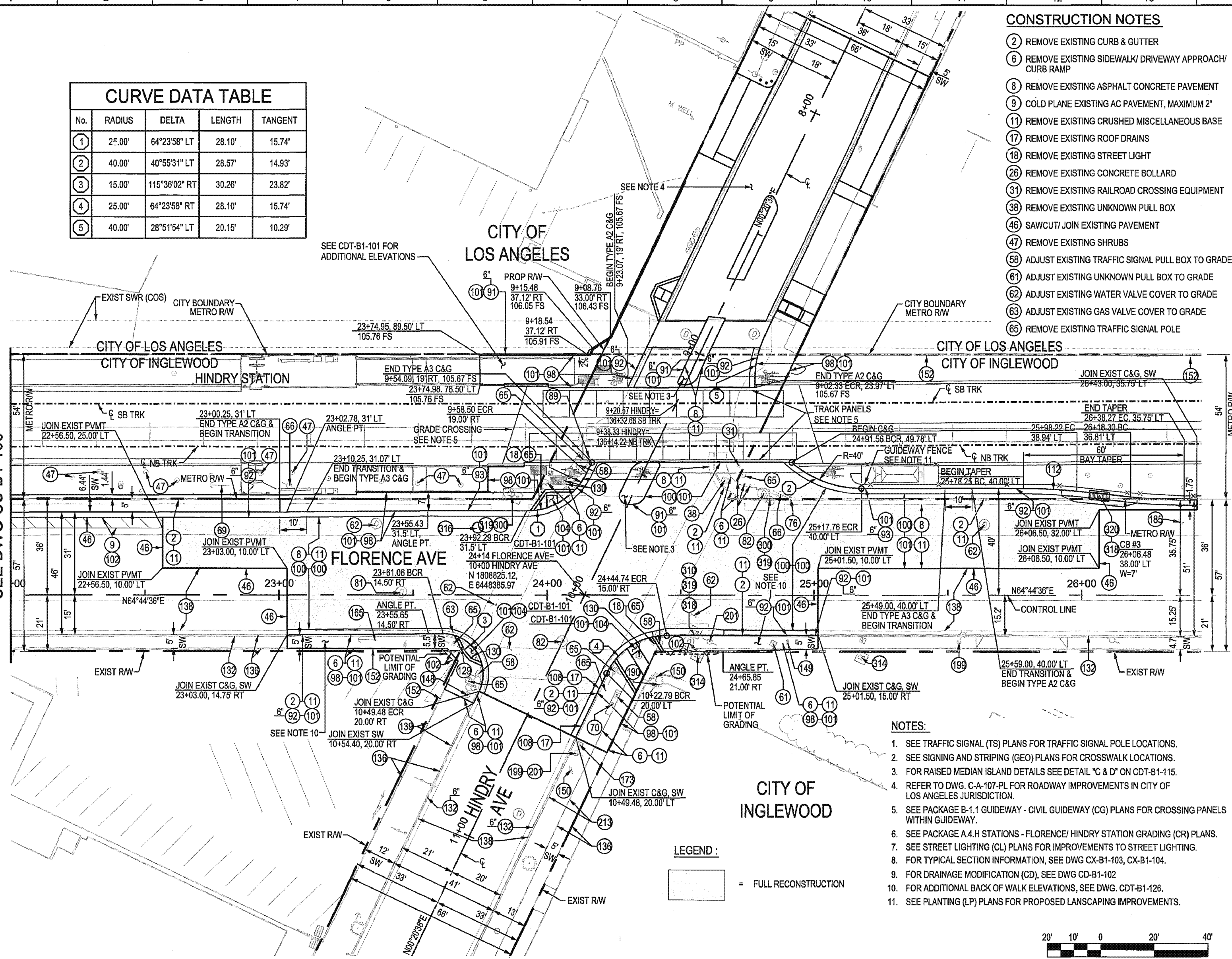
**CONSTRUCTION NOTES**

- 2 REMOVE EXISTING CURB & GUTTER
- 6 REMOVE EXISTING SIDEWALK/ DRIVEWAY APPROACH/ CURB RAMP
- 8 REMOVE EXISTING ASPHALT CONCRETE PAVEMENT
- 9 COLD PLANE EXISTING AC PAVEMENT, MAXIMUM 2"
- 11 REMOVE EXISTING CRUSHED MISCELLANEOUS BASE
- 17 REMOVE EXISTING ROOF DRAINS
- 18 REMOVE EXISTING STREET LIGHT
- 26 REMOVE EXISTING CONCRETE BOLLARD
- 31 REMOVE EXISTING RAILROAD CROSSING EQUIPMENT
- 38 REMOVE EXISTING UNKNOWN PULL BOX
- 46 SAWCUT/ JOIN EXISTING PAVEMENT
- 47 REMOVE EXISTING SHRUBS
- 58 ADJUST EXISTING TRAFFIC SIGNAL PULL BOX TO GRADE
- 61 ADJUST EXISTING UNKNOWN PULL BOX TO GRADE
- 62 ADJUST EXISTING WATER VALVE COVER TO GRADE
- 63 ADJUST EXISTING GAS VALVE COVER TO GRADE
- 65 REMOVE EXISTING TRAFFIC SIGNAL POLE
- 66 EXISTING POWER POLE TO BE RELOCATED BY OTHERS
- 69 REMOVE EXISTING GUY WIRE
- 70 RELOCATE EXISTING TRAFFIC SIGNAL CABINET
- 75 INSTALL PCC CONCRETE WITHIN RAISED MEDIAN, THICKNESS SHOWN ON TYPICAL SECTION
- 76 RELOCATE EXISTING STREET SIGN AND POST
- 81 ADJUST EXISTING STORM DRAIN MAINTENANCE HOLE TO GRADE
- 82 ADJUST EXISTING SEWER MAINTENANCE HOLE TO GRADE
- 89 ADJUST EXISTING SURVEY MONUMENT TO GRADE
- 91 CONSTRUCT CURB "TYPE A1" PER SPPWC STD PLAN 120-2, "CF" PER PLAN
- 92 CONSTRUCT CURB AND GUTTER "TYPE A2" PER SPPWC STD PLAN 120-2, "CF" PER PLAN
- 93 CONSTRUCT CURB AND GUTTER "TYPE A3" PER SPPWC STD PLAN 120-2, "CF" PER PLAN
- 98 CONSTRUCT 4" THICK PCC SIDEWALK, JOINTS PER SPPWC STD. PLAN 112-2
- 101 INSTALL A.C. PAVEMENT SECTION, THICKNESS SHOWN ON TYPICAL SECTION
- 101' INSTALL CRUSHED MISCELLANEOUS BASE (CMB) OVER COMPACTED NATIVE, THICKNESS SHOWN ON TYPICAL SECTION
- 102 CONSTRUCT VARIABLE THICKNESS A.C. OVERLAY, MINIMUM 2"
- 104 CONSTRUCT CURB RAMP PER SPPWC STD. PLAN 111-5, "CASE, TYPE, X & Y" PER PLAN
- 107 AREA TO BE LANDSCAPED/HARDSCAPED PER PLANTING (LP) PLANS
- 108 INSTALL ROOF DRAIN
- 112 CONSTRUCT MEDIAN TAPER PER SPPWC STD. PLAN 140-3
- 129 RELOCATE EXISTING STREET LIGHTING PULL BOX
- 130 RELOCATE EXISTING TRAFFIC SIGNAL PULL BOX
- 132 EXISTING CURB & GUTTER TO REMAIN IN PLACE
- 136 EXISTING CONCRETE SIDEWALK TO REMAIN IN PLACE
- 139 EXISTING ASPHALT CONCRETE PAVEMENT TO REMAIN IN PLACE
- 148 EXISTING DRIVEWAY APPROACH TO REMAIN IN PLACE
- 149 EXISTING FIRE HYDRANT TO REMAIN IN PLACE
- 149 EXISTING STREET SIGN AND POST TO REMAIN IN PLACE
- 151 EXISTING SIGN AND POST TO REMAIN IN PLACE
- 152 EXISTING CHAIN LINK FENCE TO REMAIN IN PLACE
- 165 EXISTING GUY WIRE TO REMAIN IN PLACE
- 173 EXISTING TRAFFIC SIGNAL PULL BOX TO REMAIN IN PLACE
- 185 EXISTING WATER VALVE COVER TO REMAIN IN PLACE
- 191 EXISTING SEAT WALL TO REMAIN IN PLACE
- 199 EXISTING STREET LIGHTING POLE TO REMAIN IN PLACE
- 201 EXISTING POWER POLE TO REMAIN IN PLACE
- 213 EXISTING LANDSCAPE AREA TO REMAIN IN PLACE
- 218 RELOCATE EXISTING UNKNOWN PULL BOX
- 300 REMOVE EXISTING CATCH BASIN
- 310 EXISTING CATCH BASIN TO REMAIN IN PLACE
- 314 EXISTING GRATE INLET TO REMAIN IN PLACE
- 316 CONSTRUCT STORM DRAIN MANHOLE PER SPPWC STD. PLAN 321-2
- 318 CONSTRUCT LOCAL DEPRESSION PER SPPWC STD. PLAN 313-3
- 319 REMOVE EXISTING LOCAL DEPRESSION
- 320 CONSTRUCT CURB SIDE GRATING CATCH BASIN PER SPPWC STD. PLAN 303-3; H, V, & W PER PLAN
- 326 CONSTRUCT GRATING CATCH BASIN (LONGITUDINAL) PER SPPWC STD. PLAN 304-3; V & W PER PLAN



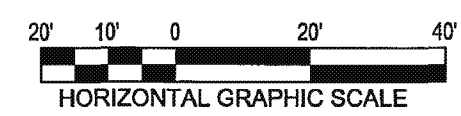
THE CITY OF INGLEWOOD OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

MATCH LINE STA 22+00  
SEE DWG CS-B1-105



- NOTES:**
- SEE TRAFFIC SIGNAL (TS) PLANS FOR TRAFFIC SIGNAL POLE LOCATIONS.
  - SEE SIGNING AND STRIPING (GEO) PLANS FOR CROSSWALK LOCATIONS.
  - FOR RAISED MEDIAN ISLAND DETAILS SEE DETAIL "C & D" ON CDT-B1-115.
  - REFER TO DWG. C-A-107-PL FOR ROADWAY IMPROVEMENTS IN CITY OF LOS ANGELES JURISDICTION.
  - SEE PACKAGE B-1.1 GUIDEWAY - CIVIL GUIDEWAY (CG) PLANS FOR CROSSING PANELS WITHIN GUIDEWAY.
  - SEE PACKAGE A.4.H STATIONS - FLORENCE/ HINDRY STATION GRADING (CR) PLANS.
  - SEE STREET LIGHTING (CL) PLANS FOR IMPROVEMENTS TO STREET LIGHTING.
  - FOR TYPICAL SECTION INFORMATION, SEE DWG CX-B1-103, CX-B1-104.
  - FOR DRAINAGE MODIFICATION (CD), SEE DWG CD-B1-102.
  - FOR ADDITIONAL BACK OF WALK ELEVATIONS, SEE DWG. CDT-B1-126.
  - SEE PLANTING (LP) PLANS FOR PROPOSED LANDSCAPING IMPROVEMENTS.

**LEGEND:**  
 = FULL RECONSTRUCTION



**CRENSHAW/LAX TRANSIT CORRIDOR DESIGN/BUILD**

APPROVED

APPROVED AS NOTED, NO RESUBMITTAL REQUIRED

REJECTED, REVISE AND RESUBMIT

RECORD ONLY

Director, Construction MGR / Engineer: *Mark Shear* Date: *1/20/16*

PACKAGE B-1.5  
APPROVED FOR CONSTRUCTION SUBMITTAL

**CITY OF INGLEWOOD, CALIFORNIA PUBLIC WORKS DEPARTMENT**

SUBMITTED BY/APPROVED BY: *[Signature]* **1-19-16**

ELYO CASTILLO, P.E. C69190, PRINCIPAL CIVIL ENGINEER

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REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION
0	1/15/16						AFC SUBMITTAL
		CHECKED BY <b>DAVID PARDEZ</b>					
		CHECKED BY <b>RAVI PUDIPEDDI</b>					
		IN CHARGE <b>NOAH BUSCH</b>					
		DATE <b>1/15/2016</b>					

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY  
**Metro**

WALSH-SHEA CORRIDOR CONSTRUCTORS  
1777 Oakland Blvd.  
Walnut Creek, CA 94596

**HNTB**

V&A INC.  
630 S. HAVITT ST., SUITE 121  
LOS ANGELES, CA 90013

**CRENSHAW/LAX TRANSIT CORRIDOR PROJECT**  
SEGMENT B1 - STREET MODIFICATION PLAN  
HINDRY AVE AT FLORENCE AVE

CONTRACT NO. **C0988**

DRAWING NO. **CS-B1-107** REV **0**

SCALE: **1" = 20'**

SHEET NO.