

# SEGMENT 7 STAKING PLANSET

## SHEETS C1 THROUGH 203

### CAUTION



THE FOLLOWING NOTES ARE PROVIDED TO GIVE DIRECTIONS TO THE CONTRACTOR BY THE ENGINEER OF WORK. THE PERMIT AGENCY'S SIGNATURE ON THESE PLANS DOES NOT CONSTITUTE APPROVAL OF THESE NOTES AND THAT AGENCY WILL NOT BE RESPONSIBLE FOR THEIR ENFORCEMENT.

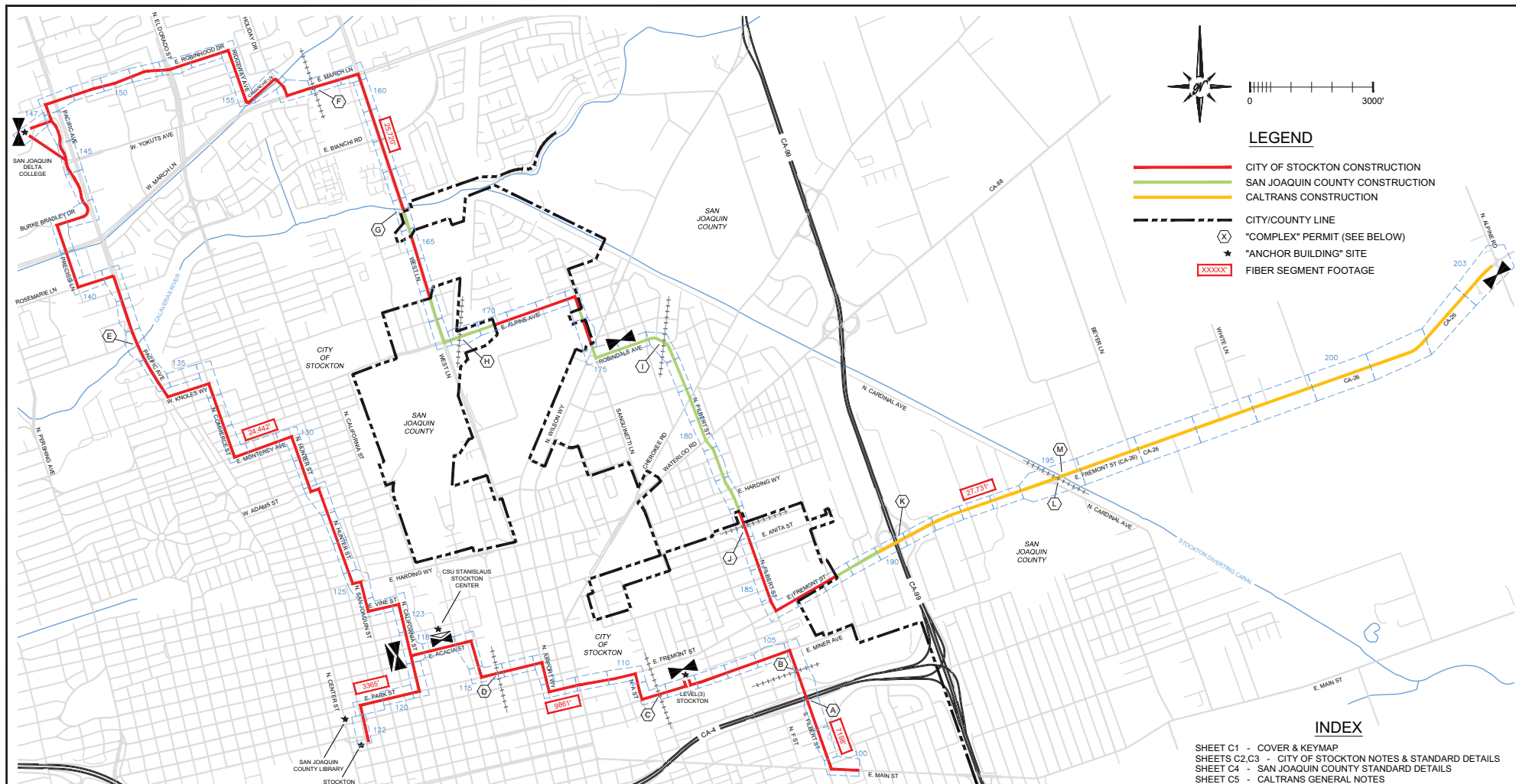
1. THE LOCATIONS OF EXISTING UTILITIES, RIGHTS-OF-WAY AND EASEMENTS SHOWN ON THESE PLANS ARE BASED ON AVAILABLE RECORDS AND ARE APPROXIMATE IN NATURE. WHERE CONFLICTS EXIST WITHIN THE RECORDS OR BETWEEN THE RECORDS AND FIELD OBSERVATIONS, THE ENGINEER OF WORK ASSUMES NO RESPONSIBILITY FOR THE CORRECTNESS OF THAT INFORMATION AS DEPICTED.
2. PRIOR TO COMMENCING IMPROVEMENT OPERATIONS, THE CONTRACTOR SHALL VERIFY THE LOCATION, BOTH HORIZONTALLY AND VERTICALLY, OF ALL EXISTING FACILITIES AFFECTED BY THE PROPOSED WORK, WHETHER OR NOT THOSE FACILITIES ARE DEPICTED CORRECTLY ON THESE PLANS.
3. IF EXISTING FACILITIES VARY SIGNIFICANTLY IN LOCATION OR DEPTH FROM THESE PLANS, THE ENGINEER OF WORK SHOULD BE NOTIFIED TO MAKE ANY DESIGN CHANGES REQUIRED.
4. THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR COMPLIANCE WITH THE PROVISIONS OF THE STATE OF CALIFORNIA SAFETY ORDERS.
5. THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER OF WORK HARMLESS.
6. THE BORE UNITS (BM60D & BM61D) INDICATED ON THE STAKING SHEETS ARE THE ENGINEER'S BEST ESTIMATE OF LOCATION AND LENGTH AS REQUIRED TO MEET JURISDICTIONAL REQUIREMENTS AND/OR TO AVOID SURFACE OR OTHER DAMAGE THAT MAY BE ASSOCIATED WITH TRADITIONAL TRENCHING OR PLOWING METHODS. INSPECTOR & CONTRACTOR SHALL REVIEW ALL FIELD CONDITIONS PRIOR TO CONSTRUCTION AND VERIFY THAT THE INDICATED BORE UNITS ARE ACCURATELY IDENTIFIED, APPROPRIATELY LOCATED AND ACTUALLY REQUIRED (NOTIFY ENGINEER AND /OR OWNER OF ANY DISCREPANCIES). IF A BORE UNIT CAN BE ELIMINATED, WITH THE APPROVAL OF THE PERMITTING AUTHORITY AND WITH AN ASSOCIATED NET COST SAVINGS, THEN THE BORE UNIT SHALL BE ELIMINATED. ALSO, NOTIFY ENGINEER AND /OR OWNER OF ADDITIONAL BORES THAT ARE REQUIRED, BUT ARE NOT INDICATED ON THE STAKING SHEETS.

#### BID ADDENDUM #1, ITEM #5 - 8/30/11

Revised sheets 137, 164, 195 & 196 to show Biological Avoidance Area information and add note #7 on the Cover Page as follows: 7. The Handhole/Vault Units (UHF) indicated on the Staking Sheets are the Engineer's best estimate of location for placing the unit as required to meet CVIN, jurisdictional &/or safety requirements and to provide an appropriate location that will allow for parking, ease of access and adequate space to perform installation and maintenance work. Inspector & Contractor shall review all field conditions prior to construction and verify that all indicated UHF units are appropriately located. Final position of UHF may be relocated if a more appropriate position can be identified nearby. (Notify Engineer and /or Owner of any discrepancies & adjustments). Also, notify Engineer and /or Owner of additional UHF units that may be required, but are not indicated on the Staking Sheets.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM03	-	HO-1	-	UHF(24X36X30)	-												
BM00D	-	HO-4	-	UHF(24X36X30)T	-												
BM61D	-	HUO(72)	-	UHF(24X36X12)	-												
BM66	-	UD(2x1x1.25")OR	-														
BM72	-	UD(1x10"12mm)W	-														
BM73	-	UD(72) MICRO (W/ STORAGE)	-														
BM66-G	-	UD-S	-														

Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157				 CENTRAL VALLEY INDEPENDENT NETWORK	
DATE: 8/09/2011	SCALE: -	SEGMENT: STOCKTON	GRID: -		



### COMPLEX PERMIT DATA

SITE	AGENCY	SHEET(S)	SITE	AGENCY	SHEET(S)	SITE	AGENCY	SHEET(S)	SITE	AGENCY	SHEET(S)
A	CALTRANS (CA-4) BRIDGE CELLS	103,103A	E	CITY OF STOCKTON BRIDGE ATTACHMENT	137,137A	I	C.C.T.C.R.R. BORE	177	*M	CALTRANS (CA-26) BRIDGE ATTACHMENT	195,195A
B	S.T.&E.R.R. BORE	104	F	U.P.R.R. BORE	158	J	S.T.&E.R.R. BORE	183			
C	U.P.R.R. BORE	109	G	CITY OF STOCKTON BRIDGE ATTACHMENT	164,164A	*K	CALTRANS (CA-99) BORE	190,191			
D	U.P.R.R. BORE	115	H	U.P.R.R. BORE	169	L	S.T.&E.R.R. BORE	195			

\* NOTE: SITE (X) AND (W) ARE PART OF ONE PERMIT.

REV	DATE	DESCRIPTION	BY	CKD	APPVD

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DATE: 8/09/2011

SCALE: NONE

SEGMENT: 7 - STOCKTON

GRID: C1

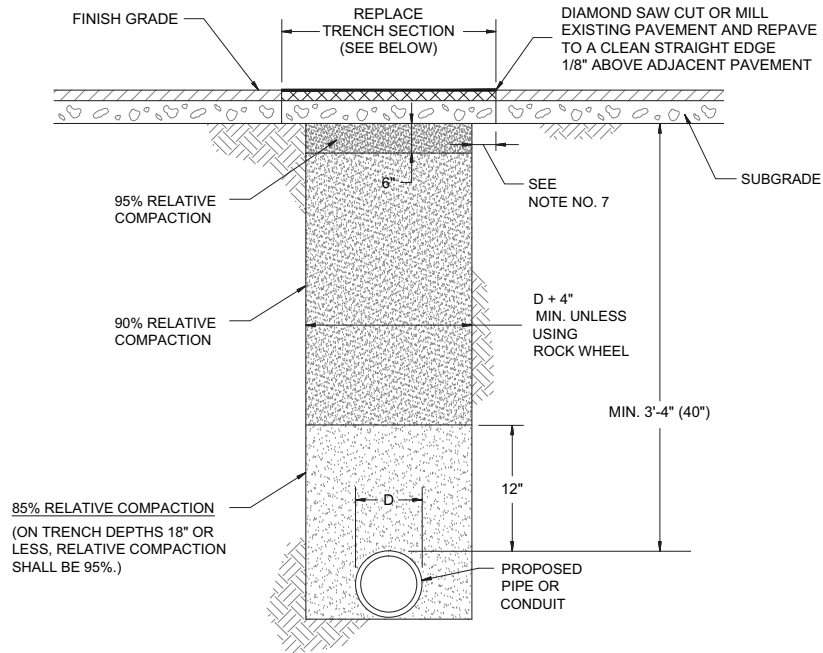
CVIN  
CENTRAL VALLEY  
INDEPENDENT NETWORK

855 M Street, Suite 1120, Fresno, CA 93721

[illegible]

# EXISTING STREET TRENCH SECTION FOR PIPES 4" AND SMALLER

(CITY OF STOCKTON STANDARD DRAWING NO. 50A)

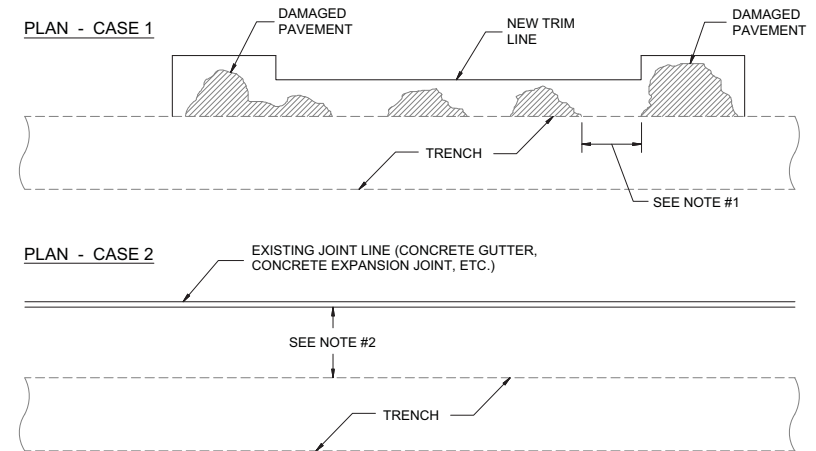


## NOTES:

1. TRENCH - WHERE THE TRENCH SECTION PARALLELS THE EXISTING CURB AND GUTTER, THE EDGE OF THE TRENCH SHALL BE A MINIMUM OF 1'-0" FROM THE LIP OF THE EXISTING GUTTER AND THE PAVEMENT SHALL BE REMOVED AND REPLACED TO THE LIP OF THE GUTTER.
2. BACKFILL - CONTROLLED DENSITY FILL (CDF) SHALL BE MANDATORY FOR TRENCHES 8" WIDE OR LESS AS PER SECTION 19-3.066 OF THE STANDARD SPECIFICATIONS.
3. PAVEMENT REPLACEMENT 1 1/2" OF A.C. SHALL BE PLACED WHEN TRENCHES ARE BACKFILLED WITH CDF. PAVEMENT SECTION AS SPECIFIED IN AN "ENCROACHMENT PERMIT" SHALL TAKE PRECEDENCE OVER THE PAVEMENT SECTION AS SHOWN.
4. APPLY FOG SEAL COAT OF CSS-1 OR SS-1 ASPHALT EMULSION.
5. PAVING SHALL CONFORM TO SECTION 100-6 OF THESE STANDARDS AND SPECIFICATIONS.
6. ALL VERTICAL EDGES OF EXISTING ASPHALT CONCRETE SHALL BE TACK COATED.
7. GRIND 3" DEEP, 12" EACH SIDE OF TRENCH, AND REPAVE FOR ROCK WHEEL EXCAVATIONS.

# TRENCH SECTION (EXISTING STREET) ADDITIONAL PAVEMENT RESTORATION

(CITY OF STOCKTON STANDARD DRAWING NO. 50B)



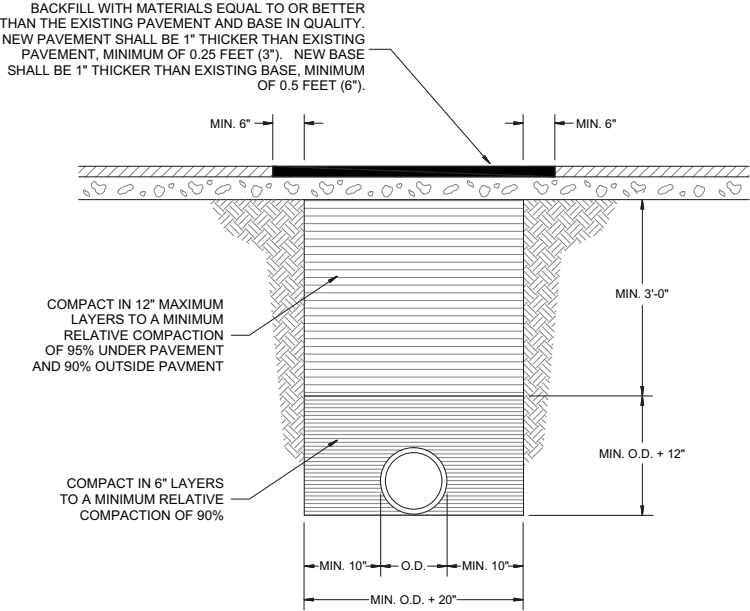
## NOTES:

1. UNDAAGED PAVEMENT OF 3'-0" OR LESS BETWEEN DAMAGED SECTIONS OF PAVEMENT SHALL BE REMOVED AND REPAVED WITH TRENCH RESTORATION.
2. UNDAAGED PAVEMENT OF 3'-0" OR LESS BETWEEN EDGE OF TRENCH AND EXISTING JOINT LINE SHALL BE REMOVED AND REPAVED WITH TRENCH RESTORATION.

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**TYPICAL TRENCH BACKFILL - FLEXIBLE CONDUIT**  
(EXCERPTED FROM COUNTY OF SAN JOAQUIN DRAWING NO. R-29)





**NOTES:**

1. RELATIVE COMPACTION OF MATERIALS SHALL BE TESTED IN ACCORDANCE WITH THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION TESTING MANUALS, TEST METHOD CALIFORNIA NO. 216 OR CALIFORNIA NO. 231.
2. ALL EXISTING PAVEMENT SHALL BE NEATLY CUT TO LINE PRIOR TO TRENCH EXCAVATION.
3. JETTING OR PONDING WILL BE PERMITTED WITHIN THE STREET RIGHT OF WAY WITH A 3-YEAR BOND.
4. WHEN SHOWN BY SOIL COMPOSITION AND COMPACTABILITY, NINETY-PERCENT (90%) COMPACTION MAY BE USED, WHEN APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
5. SPECIAL BEDDING REQUIREMENTS MAY BE SHOWN ON THE PLANS OR SPECIFIED IN SPECIAL PROVISIONS.
6. SHOULDERS SHALL BE AS SHOWN ON THE PLANS OR SPECIFIED IN THE SPECIAL PROVISIONS BUT IN NO CASE SHALL THE SHOULDER BE LESS THAN THREE FEET (3') WIDE AS MEASURED FROM THE EDGE OF PAVEMENT.

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						DATE:	8/09/2011	SCALE:	NONE				

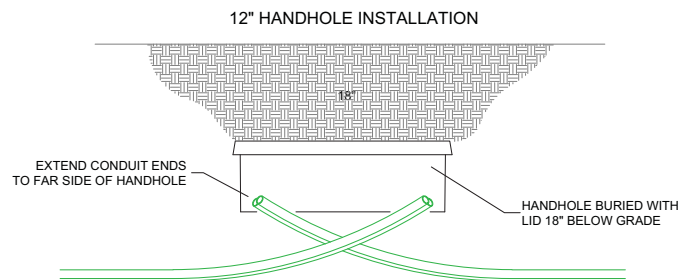
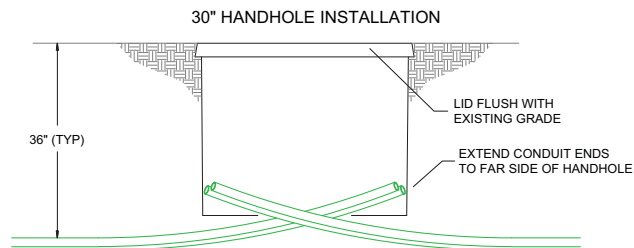
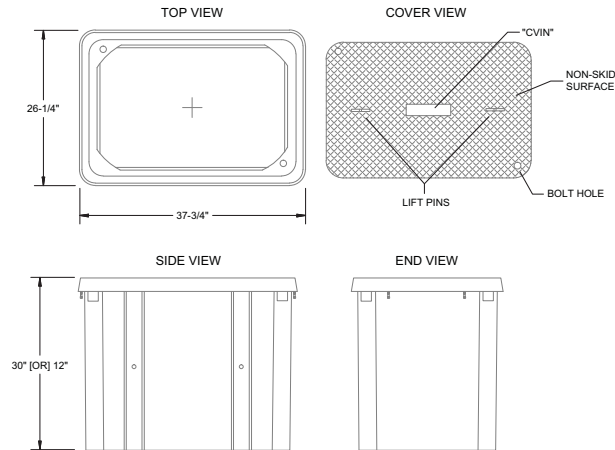
### CALTRANS GENERAL NOTES

1. ALL CONSTRUCTION FROM THESE PLANS WITHIN THE STATE'S RIGHT-OF-WAY SHALL CONFORM TO THE STATE'S 2006 STANDARD SPECIFICATIONS AND STANDARD PLANS, 2010 CALIFORNIA MUTCD, AND/OR AS DIRECTED BY THE STATE REPRESENTATIVE.
2. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR COORDINATION OF THE FOLLOWING ITEMS RELATED TO THE NEW INSTALLATION:
  - A. ALL CONTROLLING FIELD DIMENSIONS, BEFORE ORDERING OR FABRICATING CONSTRUCTION MATERIAL.
  - B. ALL DIMENSIONS AND CONDITIONS AT THE SITE, NOTIFYING THE ENGINEER OF ANY DISCREPANCIES WITH THE PLANS, PRIOR TO THE START OF THE CONSTRUCTION.
  - C. ANY CONDITION WHICH IN THE CONTRACTOR'S OPINION MIGHT ENDANGER THE STABILITY OF ANY STRUCTURE, ADJACENT IMPROVEMENTS AND/OR PUBLIC PROPERTY.
  - D. THE LOCATION AND PROTECTION OF EXISTING UTILITIES IN THE VICINITY OF THE PROJECT. THE CONTRACTOR SHALL EXAMINE THE JOB SITE TO DETERMINE WHICH UTILITIES MAY BE AFFECTED BY THIS CONSTRUCTION.
  - E. THE LOCATION AND PROTECTION OF ALL CONDUITS INTERFERING WITH THE NEW INSTALLATION.
  - F. THE PROPER ALIGNMENT OF THE NEW INSTALLATION.
3. THE CONTRACTOR SHALL DESIGN, OBTAIN THE REQUIRED PERMITS, FURNISH AND INSTALL ALL THE TEMPORARY SHORING, UNDERPINNING AND BRACING REQUIRED TO SAFELY EXECUTE THE WORK AND PROTECT PUBLIC PROPERTY AND EXISTING IMPROVEMENTS. THE CONTRACTOR SHALL PROVIDE AND INSTALL APPROPRIATE SIGNS AND ADEQUATE WARNING DEVICES TO ADVISE THE PUBLIC OF CONSTRUCTION HAZARDS AND SHALL REMOVE ALL SUCH SIGNS AND DEVICES UPON COMPLETION OF WORK.
4. THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF THE PROJECT. THIS REQUIREMENT IS NOT LIMITED TO THE NORMAL WORKING HOURS. THE CONTRACTOR SHALL INDEMNIFY AND HOLD CALTRANS AND THE DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE CONTRACTOR'S WORK ON THIS PROJECT.
5. THE DESIGN ENGINEER DOES NOT WARRANT THE ACCURACY OF SCALED DIMENSIONS. ALL DIMENSIONS SHALL BE AS DESIGNATED ON THE PLANS.
6. BEFORE COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL OBTAIN AN UNDERGROUND SERVICE ALERT INQUIRY I.D. NUMBER BY CALLING 1-800-422-4133. TWO WORKING DAYS SHALL BE ALLOWED AFTER THE I.D. NUMBER IS OBTAINED AND BEFORE THE EXCAVATION WORK IS STARTED SO THAT THE UTILITY OWNERS CAN BE NOTIFIED. THE I.D. NUMBER MUST BE REPORTED WHEN CALLING FOR INSPECTION. THE I.D. NUMBER WILL NOT BE ISSUED MORE THAN 14 DAYS PRIOR TO THE STARTING OF EXCAVATION WORK.
7. ALL CONSTRUCTION SHALL CONFORM TO THE SAFETY REQUIREMENTS OF THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY. NO TRENCHES OR EXCAVATIONS 5 FEET OR MORE IN DEPTH INTO WHICH A PERSON IS REQUIRED TO DESCEND SHALL BE CONSTRUCTED WITHOUT THE NECESSARY PERMIT FROM THE CAL/OSHA. WORK INSIDE BRIDGE CELLS SHALL BE SUBJECT TO ALL SAFETY REQUIREMENTS FROM CAL/OSHA.
8. ALL DEBRIS AND CONSTRUCTION MATERIAL SHALL BE REMOVED FROM THE SITE AT THE END OF THE WORK.
9. ALL TRAFFIC CONTROL SHALL BE IN CONFORMANCE WITH 2010 CALIFORNIA MUTCD, DATED 1/21/2010.
10. IF ANY DAMAGE IS CAUSED BY THE CONTRACTOR'S OPERATION, HE SHALL, AT HIS OWN EXPENSE, REPAIR OR REPLACE DAMAGED FACILITIES PROMPTLY AND IN ACCORDANCE WITH STATE SPECIFICATIONS AND/OR AS DIRECTED BY THE STATE REPRESENTATIVE.
11. ALL ROADWAY FEATURES (SIGNS, PAVEMENT DELINEATION, ROADWAY SURFACE, RIGHT-OF-WAY FENCE, ETC.) WITHIN THE STATE RIGHT OF WAY MUST BE PROTECTED, MAINTAINED IN A TEMPORARY CONDITION, OR RESTORED.
12. ALL TRENCHES AND EXCAVATIONS MUST BE BACK FILLED OR STEEL PLATED OUTSIDE THE WORKING HOURS TO RESTORE TRAFFIC TO NORMAL CONDITIONS.

REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> 			 <div><b>CVIN</b> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div>		
						DATE:	SEGMENT:		GRID:		
						8/09/2011	NONE	7 - STOCKTON	C5		

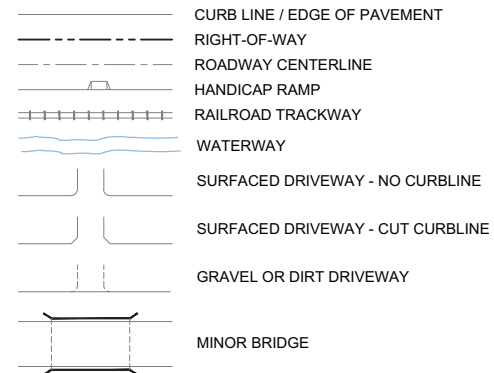
# CVIN HANDHOLE DETAIL

MARTIN ENTERPRISES POLYMER CONCRETE BOX 243630 OR EQUIVALENT

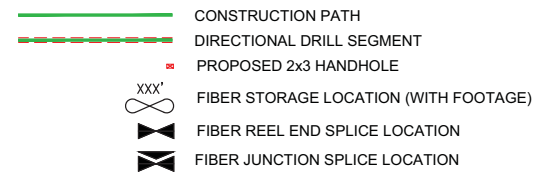


## STAKING SHEET LEGEND

### EXISTING LANDBASE



### PROPOSED CONSTRUCTION



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SEGMENT 7 ENGINEERING SUMMARY

PERMIT AGENCY CONTACT INFORMATION

Construction Footages [Total: 87355']

BM60D (bore with casing): 2832'  
BM61D (bore without casing): 59402'  
BM66 (bridge attachment): 1073'  
UD(2x1x1.25)OR (trenching with conduit placement): 22371'  
UD(2x1x1.25)OR (conduit placement in bores, bridge attachments and exist. duct): 64624'  
UD(1x1.25)OR (trenching with single conduit placement): 992'

Restoration Footages

BM72 (asphalt): 0'  
BM73 (concrete): 0'  
BM96-G (gravel): 0'  
UD-S (1-sack slurry mix): 0'

Handholes

UHF[24X36X12]: 3  
UHF[24X36X30]: 102  
UHF[24X36X30]T: 0  
UHF[36x60x36]T: 1

Fiber Placement Footages [Total: 98600']

Linear [actual wall-to-wall plus 3' per handhole]: 87670'  
Storage: 10930'

Conduit and Microduct Material Footages

1.25-inch HDPE Silicore: 87355'  
1.25-inch HDPE 4-way with microducts and tracer wire: 87355'  
4-inch steel casing pipe: 1073'  
4-inch HDPE casing pipe: 2832'

Miscellaneous

BM53 (warning markers): 10  
BM-FWT (warning tape): 24048'  
HUO(72) (splice cases): 6  
HO-4 (Splice Pigtailed): 2  
FT (OTDR fiber testing): 6  
Number of Bores: 150  
Number of Bridge Attachments: 4

CITY OF STOCKTON



REID CAMPBELL  
PERMIT TECHNICIAN  
425 N. EL DORADO STREET  
STOCKTON, CA 95202

COUNTY OF SAN JOAQUIN

SCOTT COOPER  
PERMIT TECHNICIAN  
1810 HAZELTON AVENUE  
STOCKTON, CA 95205  
209-468-3057

CALTRANS DISTRICT 10



JOE VALDEZ  
PERMIT TECHNICIAN  
1976 E. CHARTER WAY  
STOCKTON, CA 95205  
209-948-3656

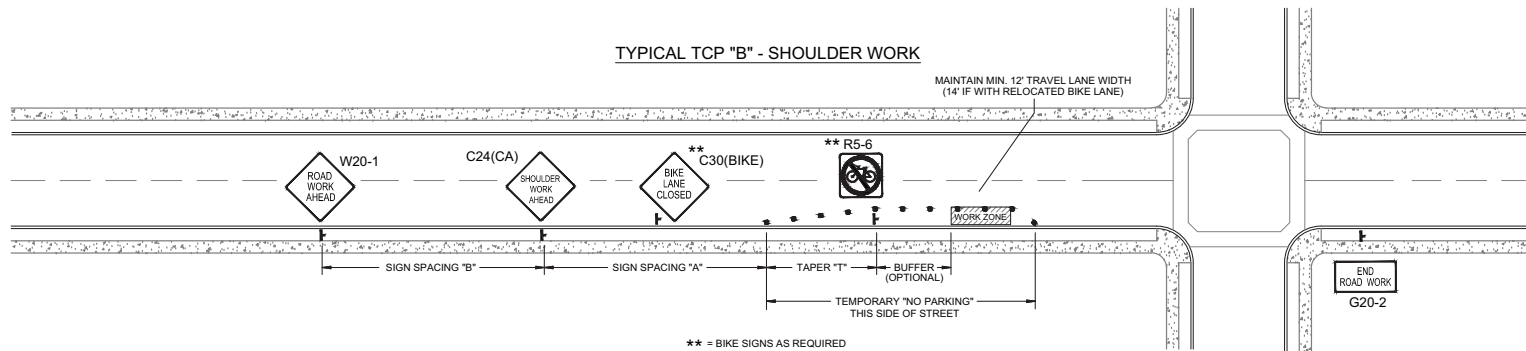
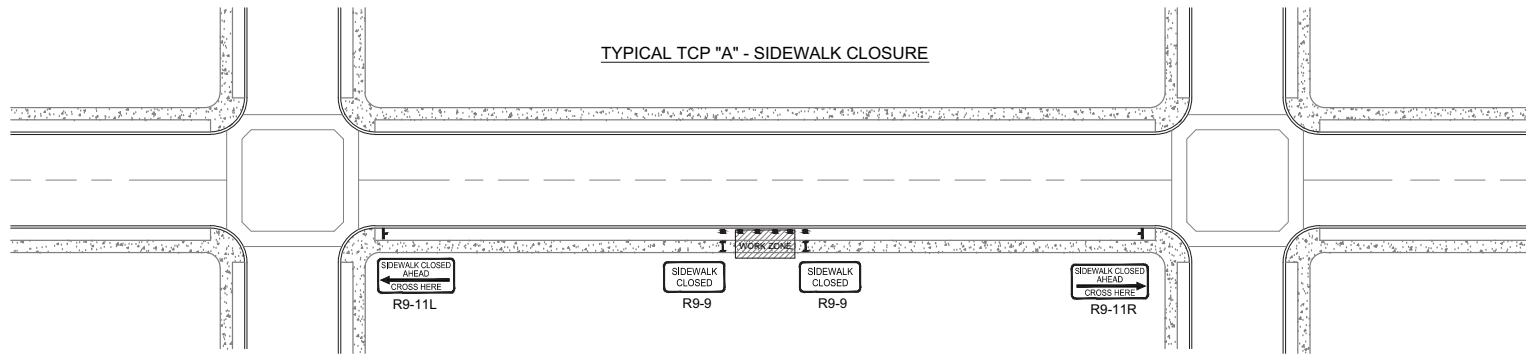
REV	DATE	DESCRIPTION	BY	CHKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div>		<div> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div>	
DATE	SCALE	SEGMENT	GRID						
8/09/2011	NONE	7 - STOCKTON	C7						



# BIOLOGICAL AVOIDANCE AREA MAP



REV	DATE	DESCRIPTION	BY	CKD	APP'VD	
						Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157
						
						
						855 M Street, Suite 1120, Fresno, Ca. 93721
						DATE: 8/09/2011
						SCALE: NONE
						SEGMENT: 7 - STOCKTON
						GRID: B1



**SIGN SPACING CHART \***

POSTED SPEED	"A"	"B"
40MPH OR LESS	100'	100'
45MPH AND OVER	350'	350'

**TAPER CHART \***



POSTED SPEED	"T"
25MPH	30'
30MPH	40'
35MPH	55'
40MPH	70'
45MPH	90'
50MPH +	110'

\* = MUTCD RECOMMENDED DISTANCES

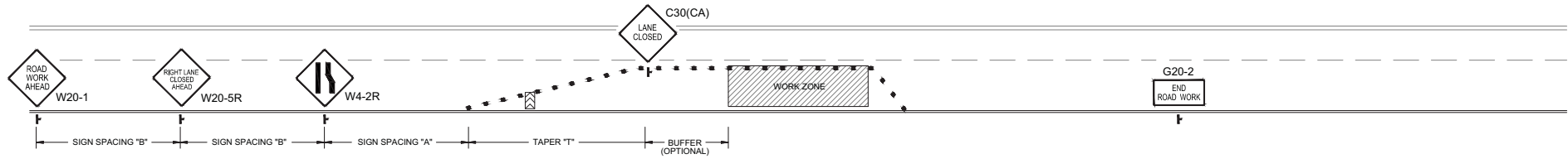
**LEGEND**

- TRAFFIC CONE
- ⚡ FLASHING ARROW SIGN (FAS)
- I BARRICADE
- ▨ WORK ZONE
- EXISTING TURN ONLY LANE
- EXISTING NO TURN LANE
- Ⓢ TRAFFIC SIGNAL
- 🚧 FLAGGER
- 🚦 SIGN (WITH CALTRANS CODE)
- 🚦 HIGH LEVEL WARNING DEVICE (WITH CALTRANS & MUTCD CODE)
- TRAFFIC FLOW DIRECTION

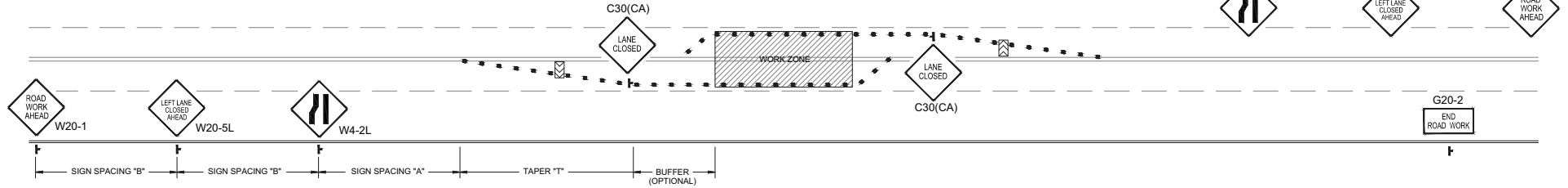
**TRAFFIC CONTROL PLAN TYPICALS  
EDGE OF ROAD WORK ZONE**

REV	DATE	DESCRIPTION	BY	CKD	APPV'D				
						<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div>	<div><b>CVIN</b> CENTRAL VALLEY INDEPENDENT NETWORK</div> <div>855 M Street, Suite 1120, Fresno, CA 93721</div>		
						DATE:	SCALE:	SEGMENT:	GRID:
						8/09/2011	NONE	7 - STOCKTON	T1

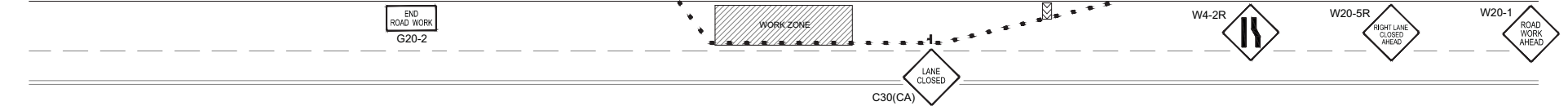
# PHASE 1



# PHASE 2



# PHASE 3

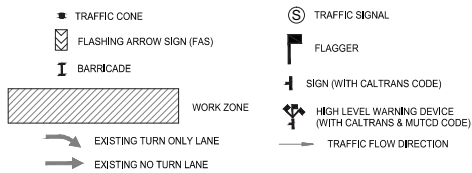


## NOTE

BIKE LANE CLOSURE AND TEMPORARY "NO PARKING" SIGNS TO BE POSTED AS NECESSARY  
MAINTAIN DRIVEWAY ACCESS AS CONSTRUCTION ALLOWS

## TRAFFIC CONTROL PLAN TYPICALS ARTERIAL ROADWAY CROSSING

### LEGEND



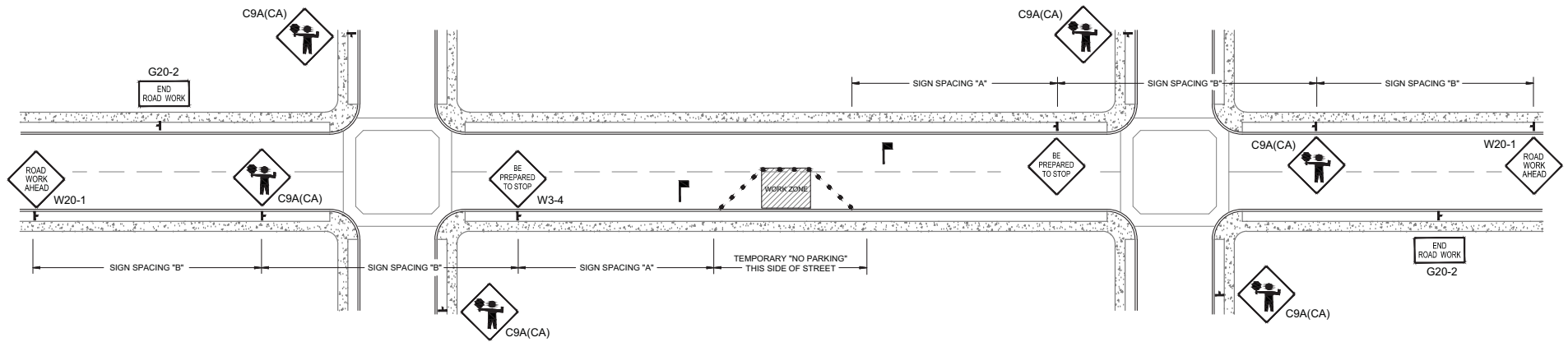
POSTED SPEED	"A"	"B"
25MPH OR LESS	100'	100'
40MPH		
45MPH AND OVER	350'	350'

\* = MUTCD RECOMMENDED DISTANCES

POSTED SPEED	"T"
25MPH	30'
30MPH	40'
35MPH	55'
40MPH	70'
45MPH	90'
50MPH +	110'

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# TRAFFIC CONTROL PLAN TYPICALS RESIDENTIAL ROAD - FLAGMEN

## LEGEND

- TRAFFIC CONE
- ▨ FLASHING ARROW SIGN (FAS)
- I BARRICADE
- ▨ WORK ZONE
- EXISTING TURN ONLY LANE
- EXISTING NO TURN LANE
- Ⓢ TRAFFIC SIGNAL
- 🚧 FLAGGER
- 🚦 SIGN (WITH CALTRANS CODE)
- 🚧 HIGH LEVEL WARNING DEVICE (WITH CALTRANS & MUTCD CODE)
- TRAFFIC FLOW DIRECTION

SIGN SPACING CHART *		
POSTED SPEED	"A"	"B"
40MPH OR LESS	100'	100'
45MPH AND OVER	350'	350'

\* = MUTCD RECOMMENDED DISTANCES

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**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(24X11.25)OR AND UO(72) MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	756'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0'	UO(24x11.25)OR	756'												
BM72	0'	UO(1x10'12mm)U	0'												
BM73	0'	UO(72) MICRO (W STORAGE)	856'												
BM66-G	0'	UO-S	0'												

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855 M Street, Suite 1120, Fresno, CA 93721

DATE:  
8/09/2011

SCALE:  
1"=50'

SEGMENT:  
STOCKTON

GRID:  
101

# NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	2										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	869'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0'	UD(2x1x1.25)OR	869'												
BM72	0'	UD(1x10'12mm)U	0'												
BM73	0'	UO(72) MICRO (W STORAGE)	869'												
BM66-G	0'	UD-S	0'												

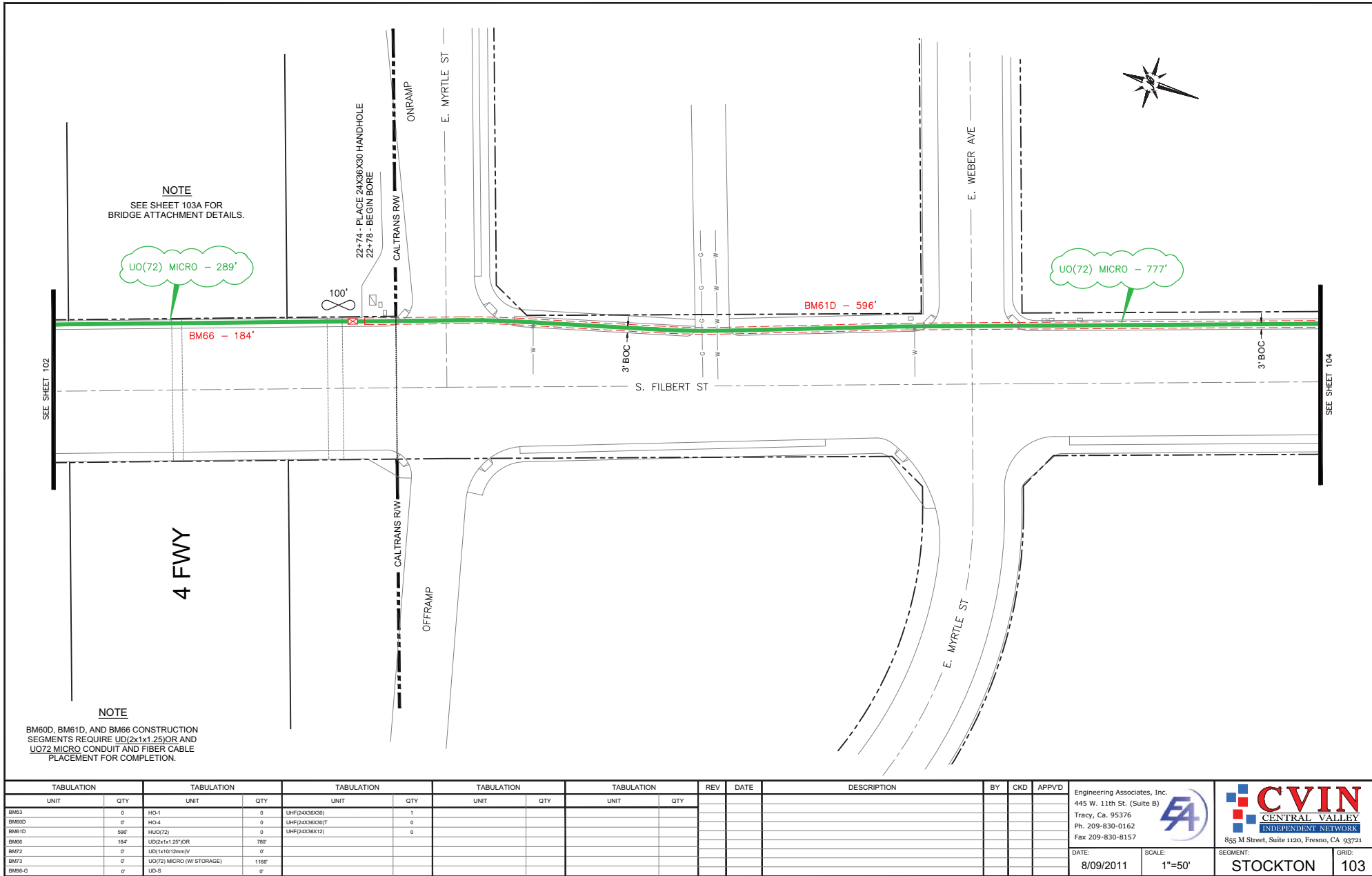
Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
Tracy, Ca. 95376  
Ph. 209-830-0162  
Fax 209-830-8157

**EA**

**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK

855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011    SCALE: 1"=50'    SEGMENT: STOCKTON    GRID: 102



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	596'	UO(72)	0	UHF(24X36X12)	0										
BM66	184'	UO(2x1x1.25)OR	780'												
BM72	0'	UO(1x10'12mm)W	0'												
BM73	0'	UO(72) MICRO (W STORAGE)	1186'												
BM66-G	0'	UO-S	0'												

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DATE: 8/09/2011

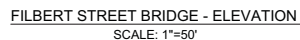
SCALE: 1"=50'

SEGMENT: STOCKTON

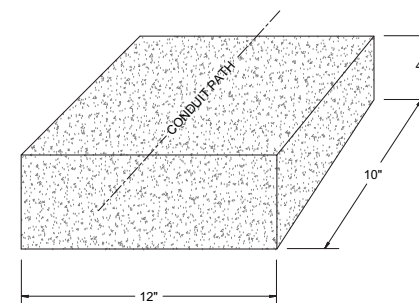
GRID: 103



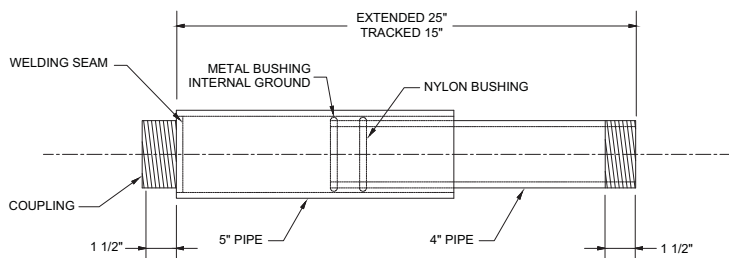




SUPPORTS TO BE SPACED  
AT 5' INTERVALS

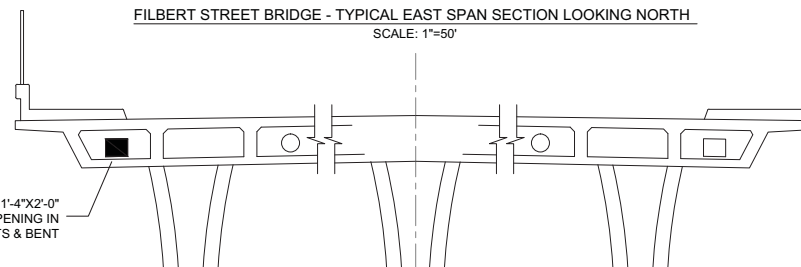


TYPICAL STEEL EXPANSION JOINT  
N.T.S.



FILBERT STREET BRIDGE - TYPICAL EAST SPAN SECTION LOOKING NORTH

SCALE: 1"=50'



\* EXISTING 1'-4"X2'-0"  
UTILITY OPENING IN  
ABUTMENTS & BENT

\* ABUTMENT WALL OPENINGS SHALL HAVE SPACE BETWEEN DUCT AND OPENING FILLED WITH GROUT OR MORTARED BRICKS AFTER TIGHTLY WRAPPING DUCT WITH (2) LAYERS OF #15 BUILDING PAPER.

NOTES:



1. TWO EXPANSION JOINTS TO BE INSTALLED, SPACED EVENLY.
2. JOINT MATERIALS TO BE HOT DIP GALVANIZED STEEL.





**NOTE**



BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

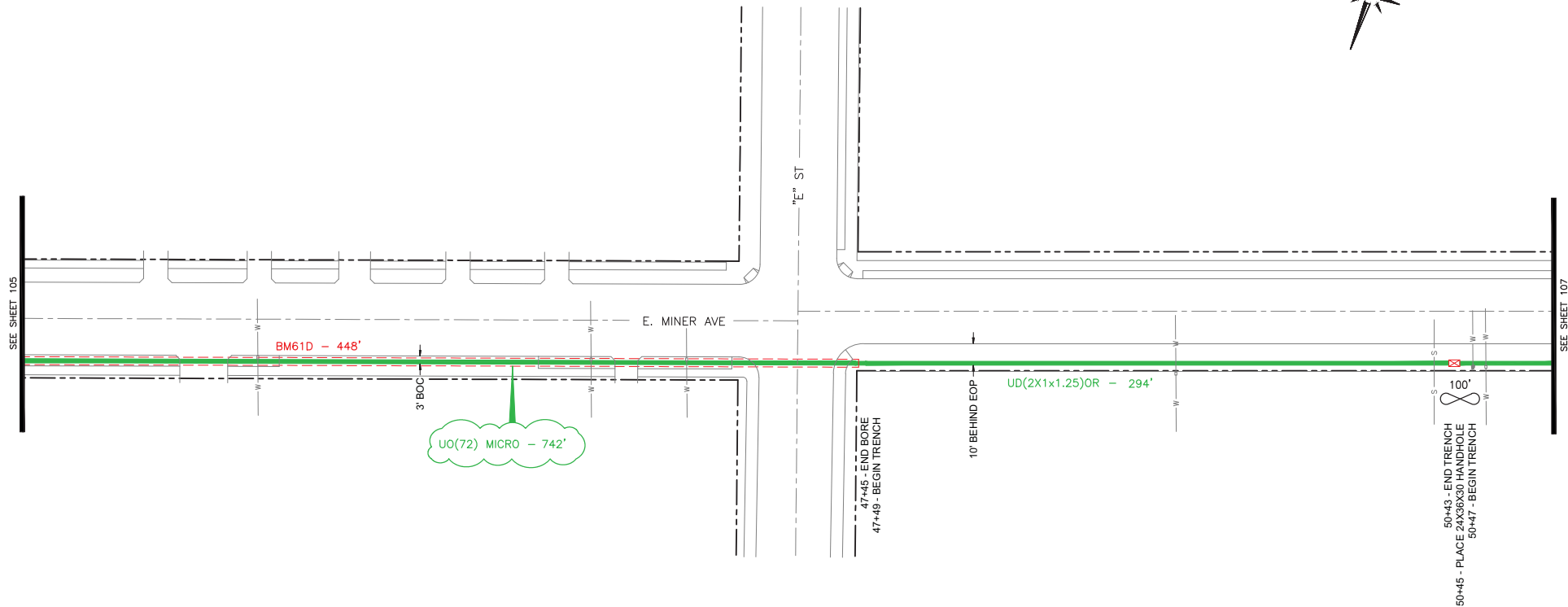
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APP'VD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div> 855 M Street, Suite 1120, Fresno, CA 93721</div>
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY							
BM63	0	HO-1	0	UHF(24X36X30)	2											
BM60D	176'	HO-4	0	UHF(24X36X30)T	0											
BM61D	370'	HUO(72)	0	UHF(24X36X12)	0											
BM66	0'	UD(2x1x1.25)OR	548'													
BM72	0'	UD(1x10'12mm)U	0'													
BM73	0'	UD(72) MICRO (W STORAGE)	579'													
BM66-G	0'	UD-S	0'													



NOTE


BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

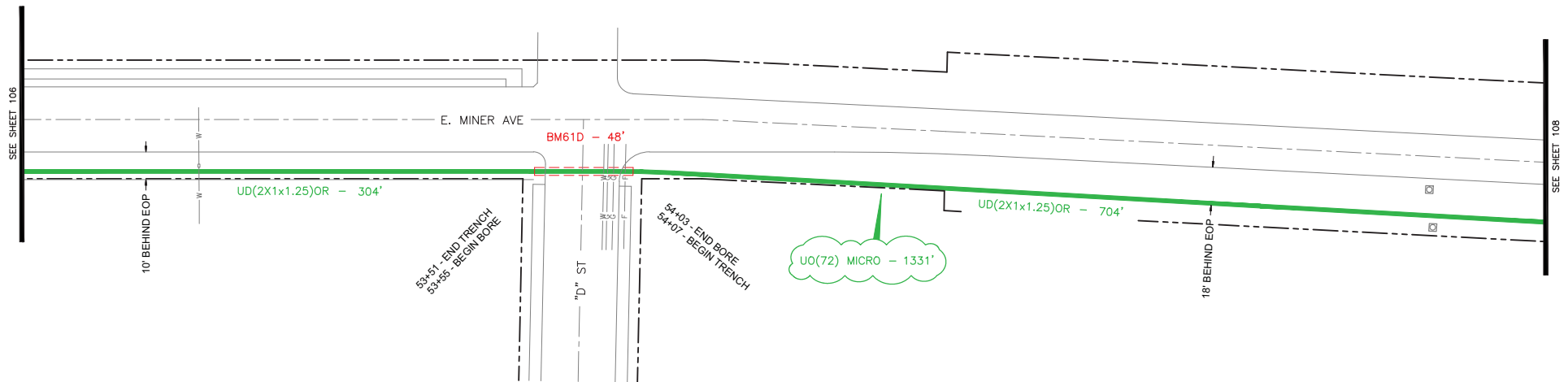
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APP'VD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157		 855 M Street, Suite 1120, Fresno, CA 93721	SEGMENT: STOCKTON	GRID: 105
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY											
BM63	0	HO-1	0	UHF(24X36X30)	1															
BM60D	0	HO-4	0	UHF(24X36X30)T	0															
BM61D	445'	HUO(72)	0	UHF(24X36X12)	0															
BM66	0	UD(2x1x1.25)OR	840'																	
BM72	0	UD(1x10'12mm)W	0'																	
BM73	0	UD(72) MICRO (W/ STORAGE)	845'																	
BM66-G	0	UD-S	0'																	
																DATE: 8/09/2011	SCALE: 1"=50'			



**NOTE**



BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div>		
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY									
BM63	0	HO-1	0	UHF(24X36X30)	1													
BM60D	0	HO-4	0	UHF(24X36X30)T	0													
BM61D	448'	HUO(72)	0	UHF(24X36X12)	0													
BM66	0	UD(2x1x1.25)OR	742'															
BM72	0	UD(1x10'12mm)U	0															
BM73	0	UO(72) MICRO (W/ STORAGE)	842'															
BM66-G	0	UD-S	0															
											DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:		STOCKTON	GRID:

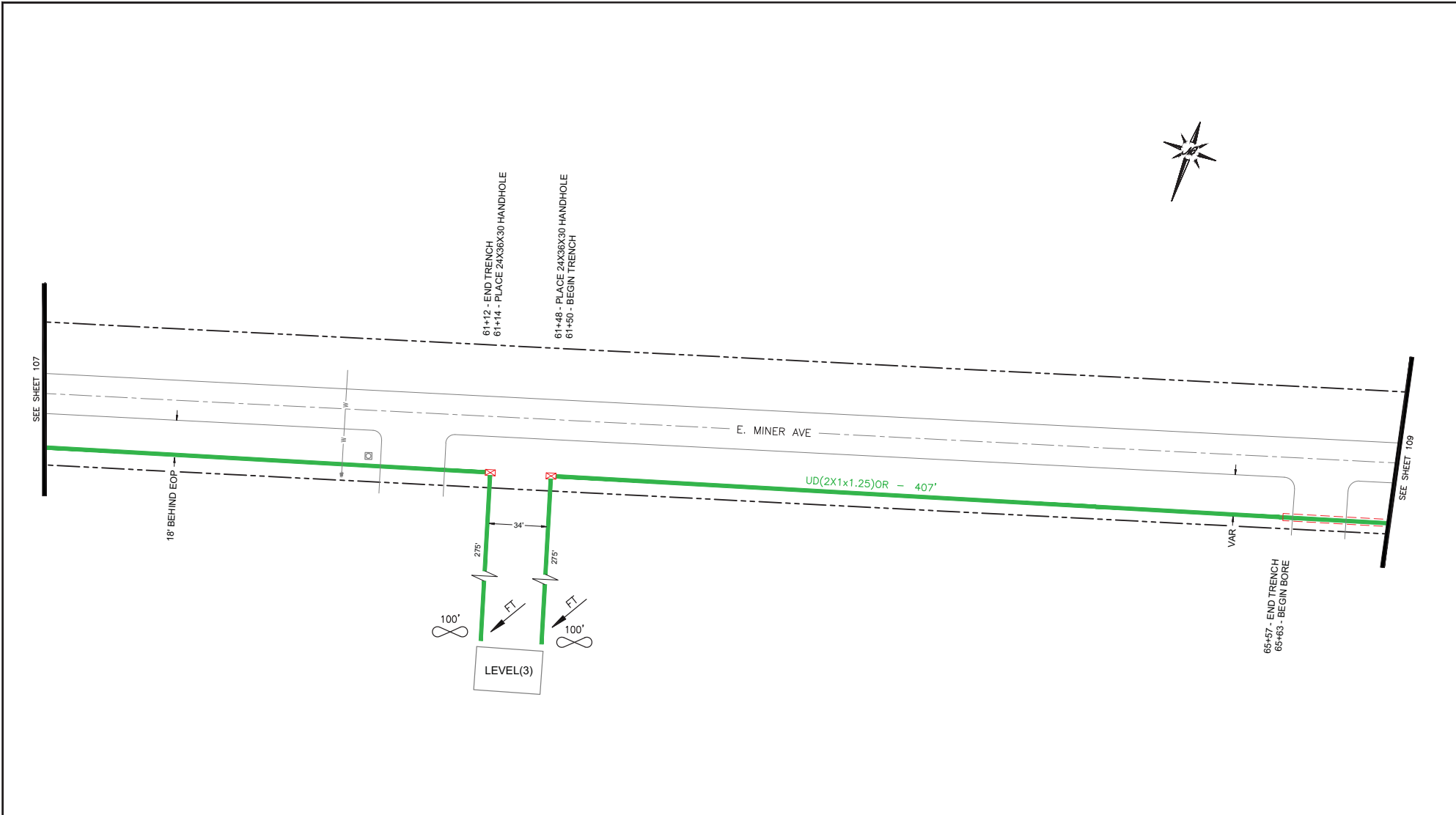


NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157			DATE:	SCALE:	SEGMENT:	GRID:
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY													
BM63	0	HO-1	0	UHF(24X36X30)	0																	
BM60D	0'	HO-4	0	UHF(24X36X30)T	0																	
BM61D	48'	HUO(72)	0	UHF(24X36X12)	0																	
BM66	0'	UD(2x1x1.25)OR	1056'																			
BM72	0'	UD(1x10'12mm)U	0'																			
BM73	0'	UO(72) MICRO (W/ STORAGE)	1331'																			
BM66-G	0'	UD-S	0'																			

8/09/20111"=50'STOCKTON107



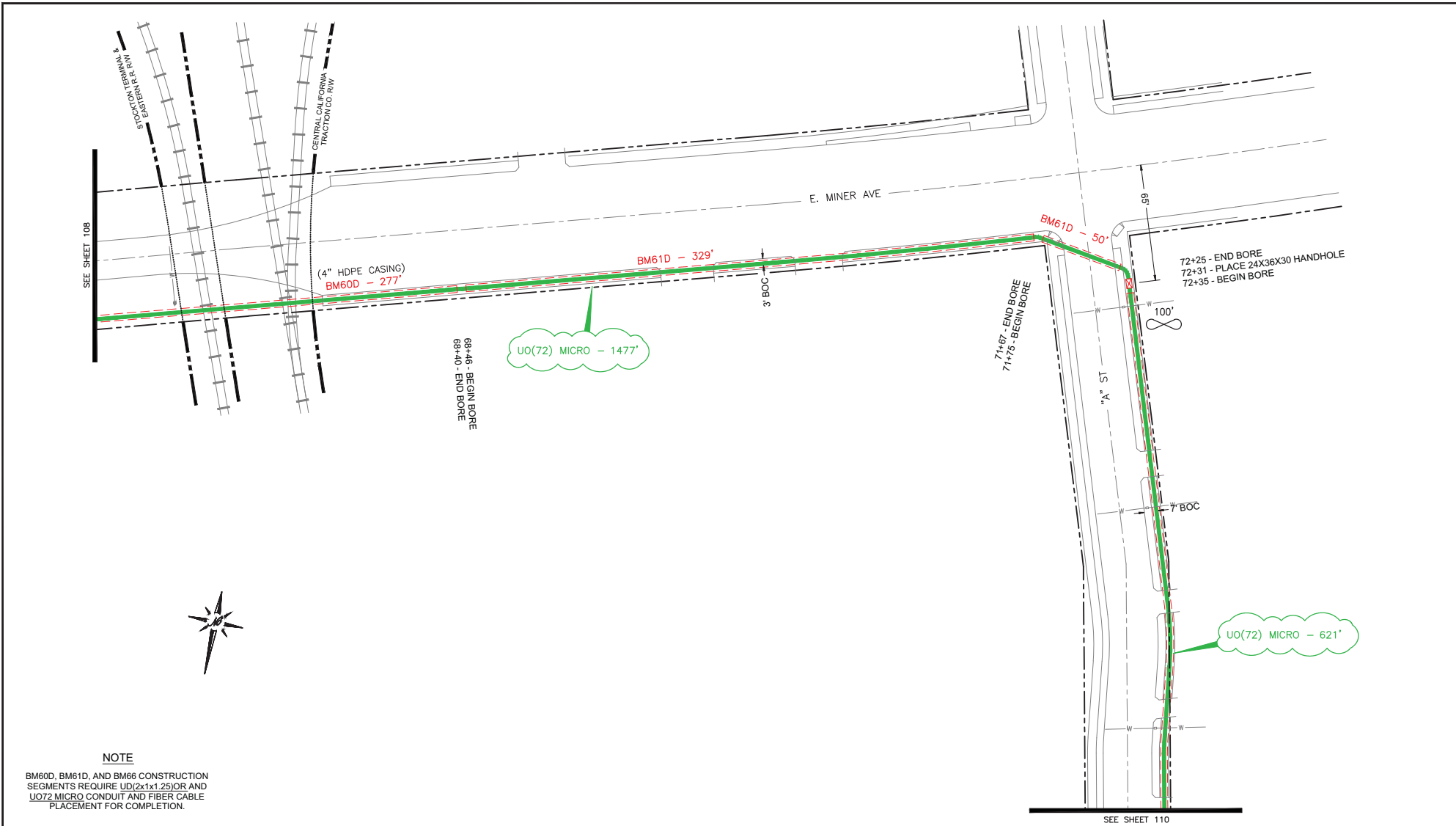
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UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM03	0	HO-1	0	UHF(24X36X30)	2										
BM000	0	HO-4	0	UHF(24X36X30)T	0										
BM010	0	HUO(72)	0	UHF(24X36X12)	0										
BM06	0	UD(2x1x1.25)OR	407	FT	2										
BM72	0	UD(1x10'12mm)W	0												
BM73	0	UD(72) MICRO (W STORAGE)	200												
BM06-G	0	UD-S	0												

Engineering Associates, Inc.  
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**EA**

**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011  
SCALE: 1"=50'  
SEGMENT: STOCKTON  
GRID: 108



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO(72) MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1												
BM60D	277'	HO-4	0	UHF(24X36X30)T	0												
BM61D	379'	HUO(72)	0	UHF(24X36X12)	0												
BM66	0'	UD(2x1x1.25)OR	656'														
BM72	0'	UD(1x10'12mm)U	0'														
BM73	0'	UO(72) MICRO (W/ STORAGE)	2198'														
BM66-G	0'	UD-S	0'														

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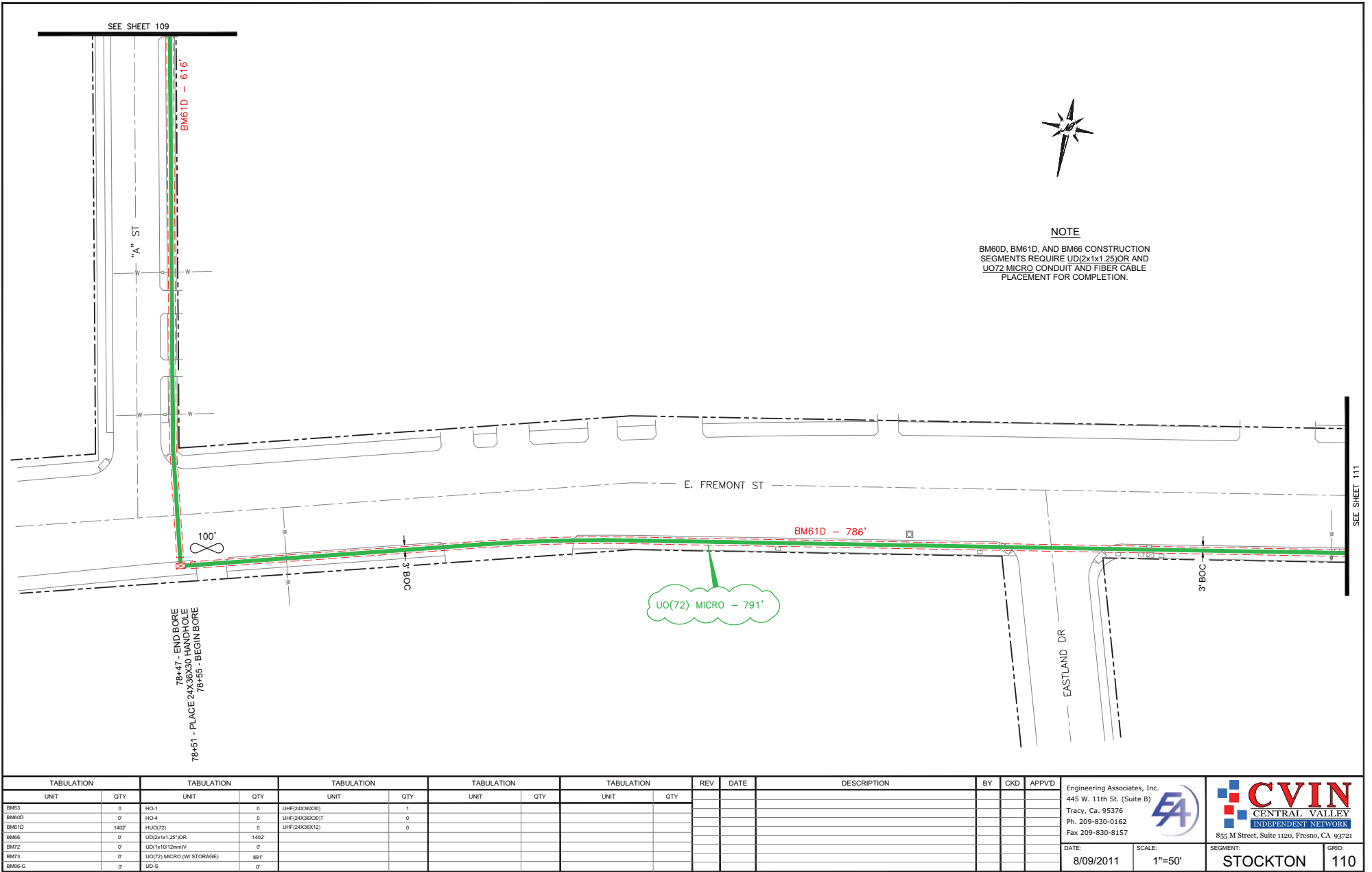
CVIN  
CENTRAL VALLEY  
INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011

SCALE: 1"=50'

SEGMENT: STOCKTON

GRID: 109

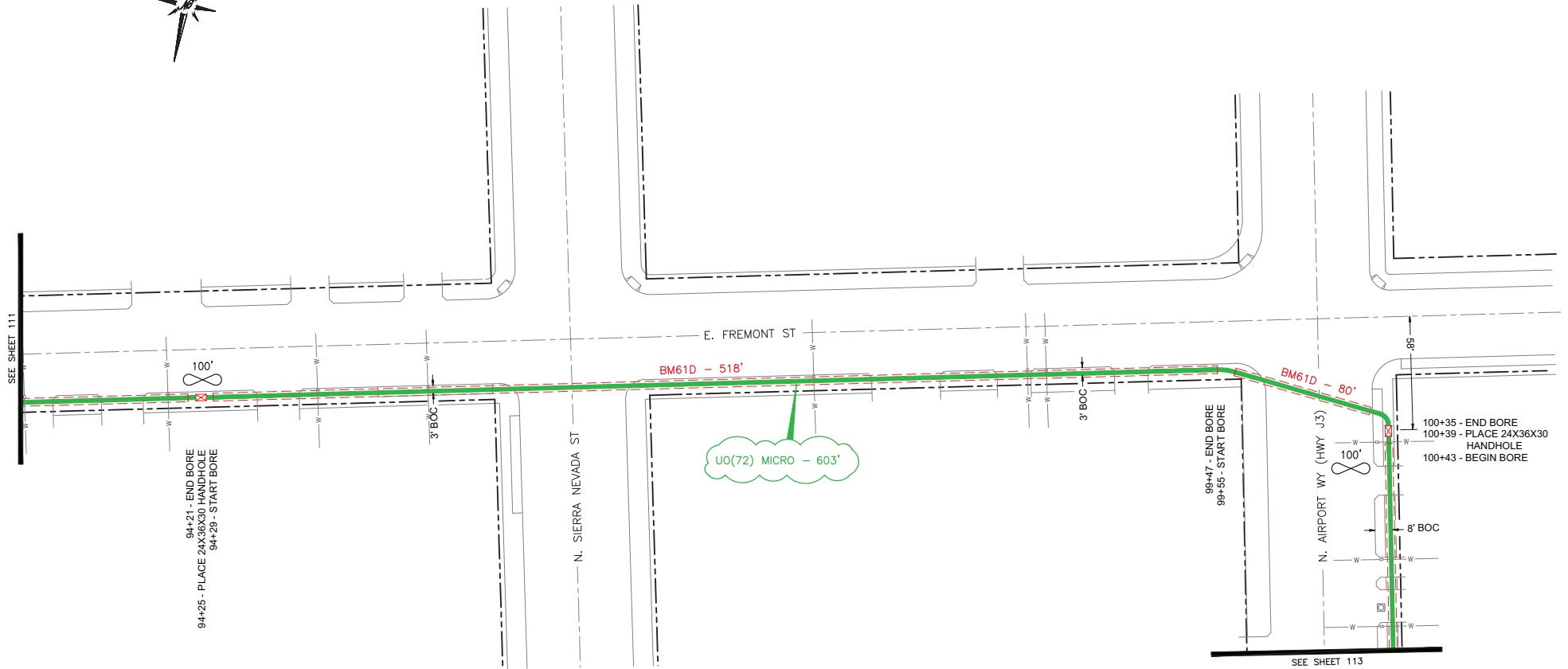


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UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM03	0	HO-1	0	UHF(24X36X30)	1												
BM60D	0'	HO-4	0	UHF(24X36X30)T	0												
BM61D	1402'	HUO(72)	0	UHF(24X36X12)	0												
BM66	0'	UD(2x1x1.25)OR	1402'														
BM72	0'	UD(1x10'12mm)W	0'														
BM73	0'	UD(72) MICRO (W STORAGE)	891'														
BM66-G	0'	UD-G	0'														

Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157			 CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721
DATE: 8/09/2011	SCALE: 1"=50'		
SEGMENT: STOCKTON		GRID: 110	









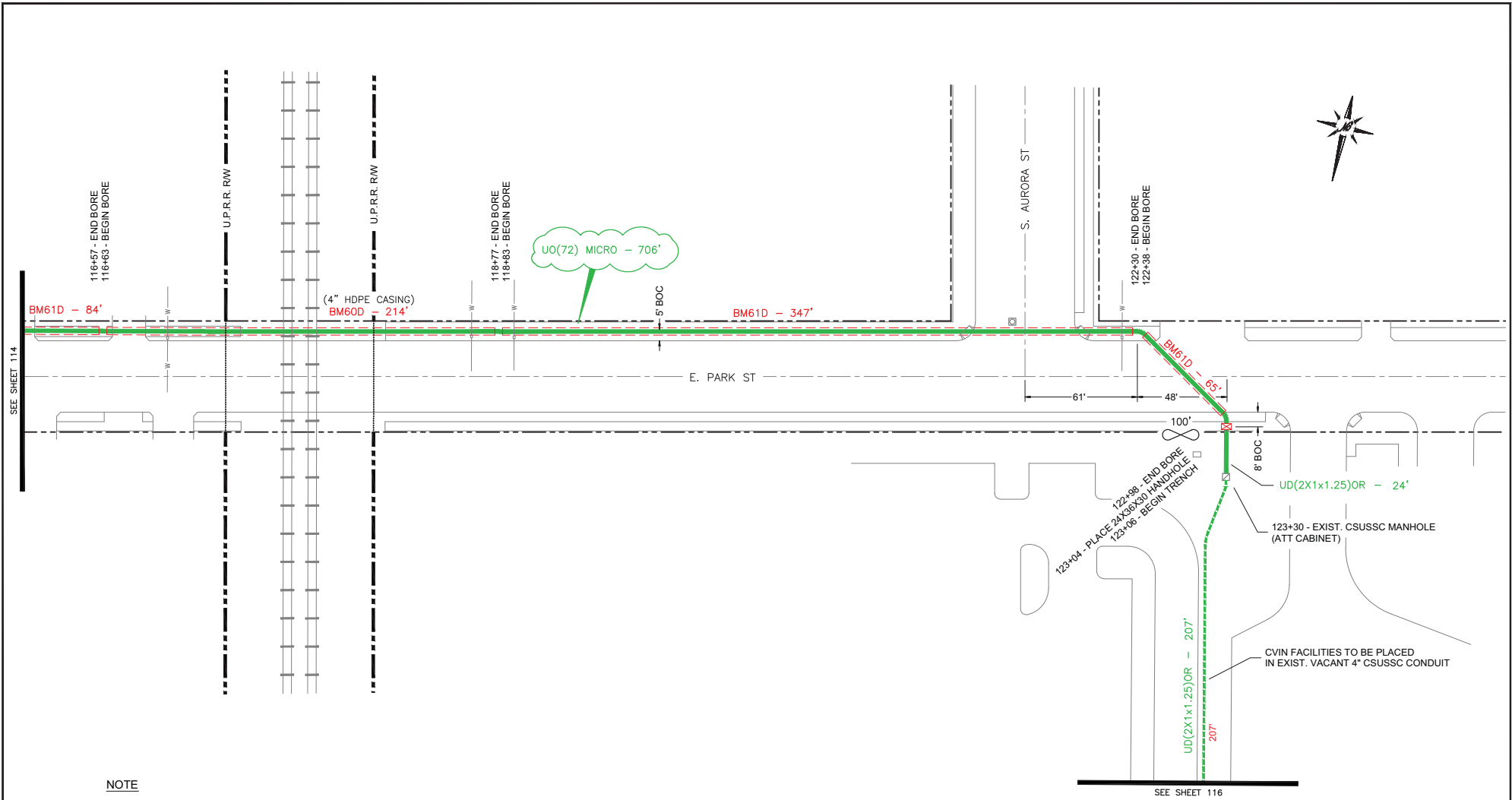
NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div> 855 M Street, Suite 1120, Fresno, CA 93721</div>							
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY														
BM63	0	HO-1	0	UHF(24X36X30)	2																		
BM60D	0	HO-4	0	UHF(24X36X30)T	0																		
BM61D	598'	HUO(72)	0	UHF(24X36X12)	0																		
BM66	0	UO(2x1x1.25)OR	598'																				
BM72	0	UD(1x10'12mm)IV	0																				
BM73	0	UO(72) MICRO (w STORAGE)	803'																				
BM66-G	0	UD-S	0																				
																	DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:	STOCKTON	GRID:





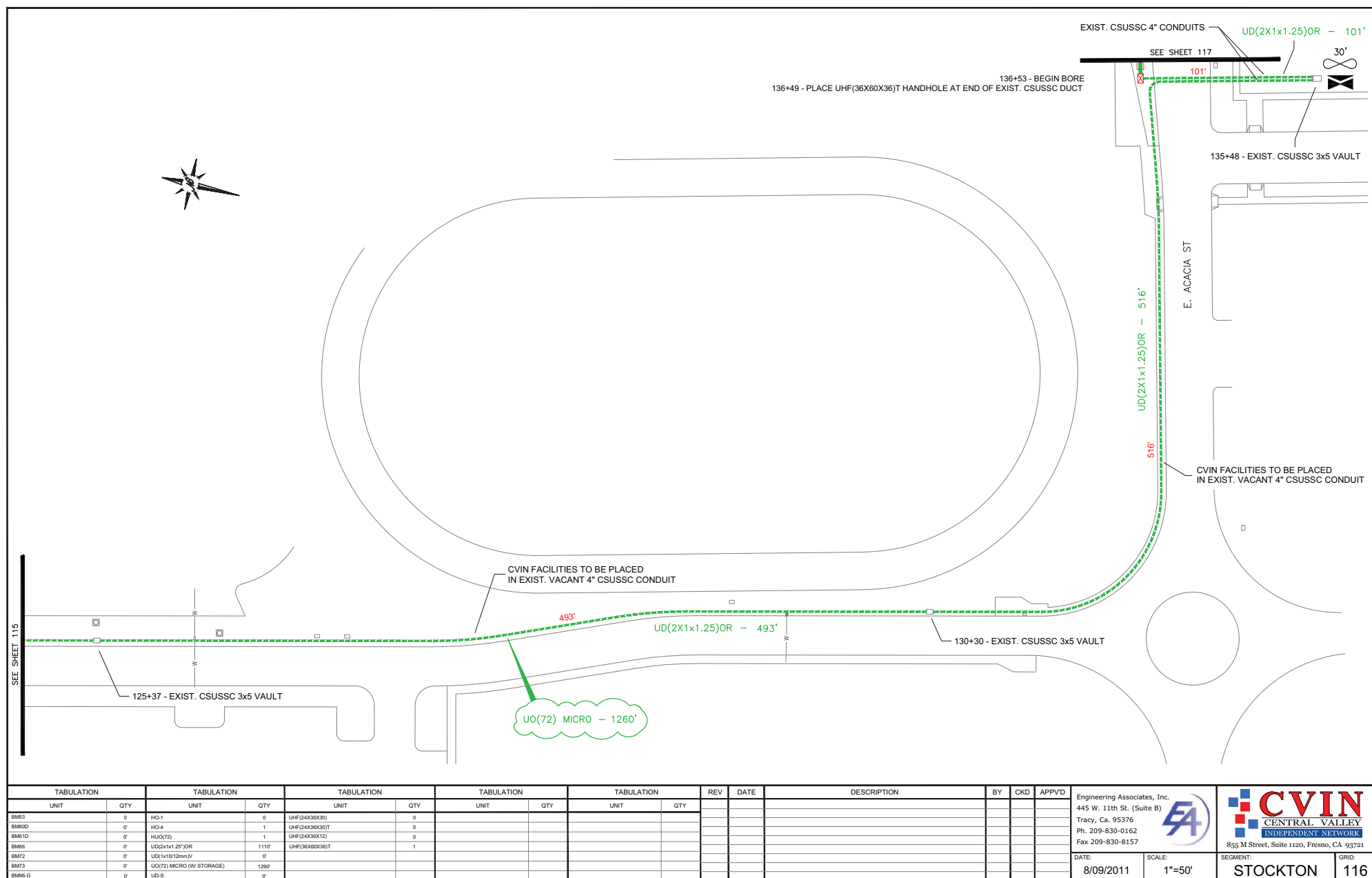


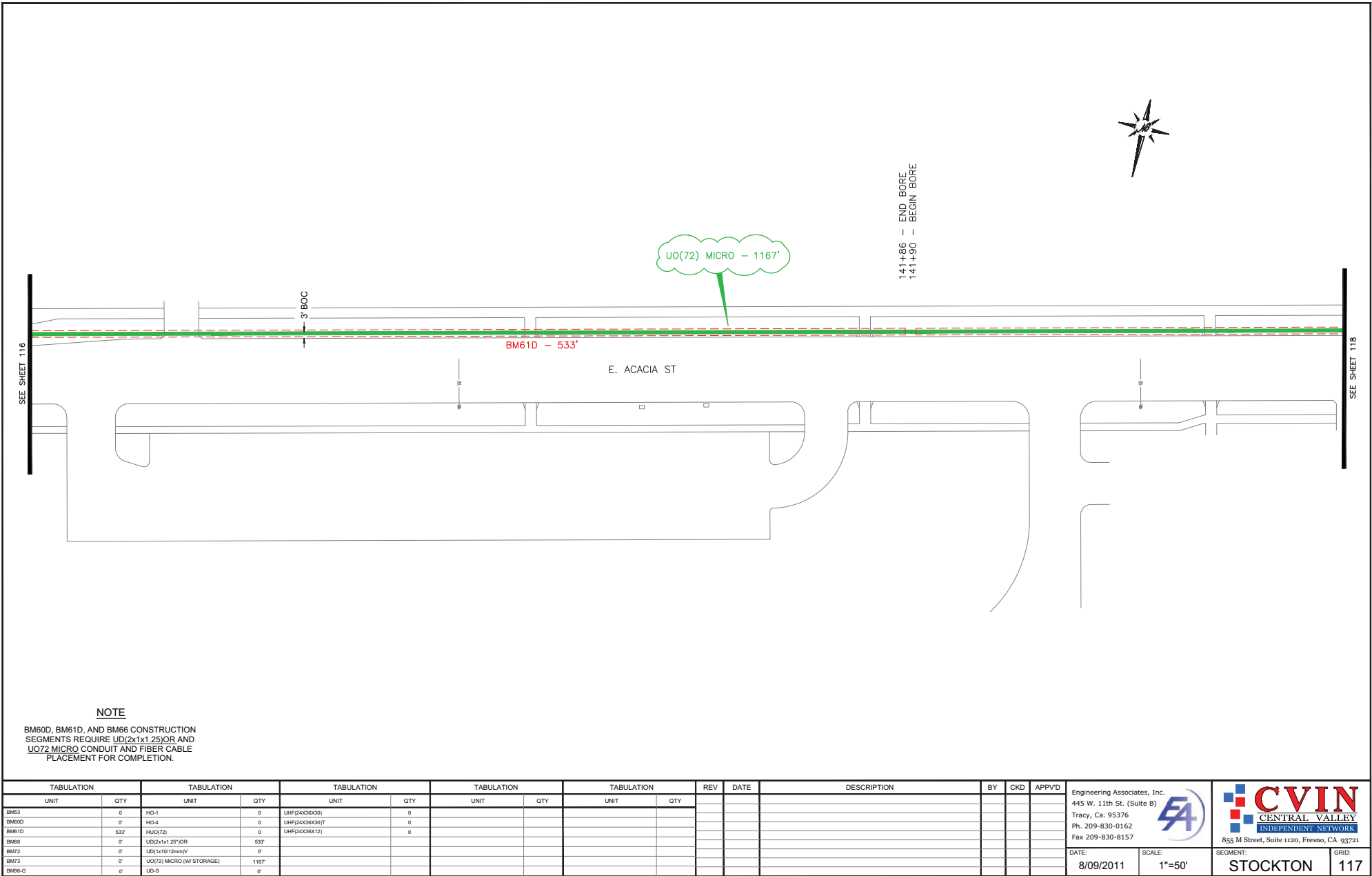
**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2X1X1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157	DATE: 8/09/2011	SCALE: 1"=50'	SEGMENT: STOCKTON	GRID: 115
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BM63	0	HO-1	0	UHF(24X36X30)	1															
BM60D	214'	HO-4	0	UHF(24X36X30)T	0															
BM61D	496'	HUO(72)	0	UHF(24X36X12)	0															
BM66	0'	UD(2X1X1.25)OR	841'																	
BM72	0'	UD(1X10'12mm)W	0'																	
BM73	0'	UO(72) MICRO (W/ STORAGE)	806'																	
BM66-G	0'	UD-G	0'																	



[illegible]





NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	0										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	533'	HO(72)	0	UHF(24X36X12)	0										
BM66	0'	UO(2x1x1.25)OR	533'												
BM72	0'	UO(1x10'12mm)W	0'												
BM73	0'	UO(72) MICRO (W STORAGE)	1167'												
BM66-G	0'	UO-S	0'												

Engineering Associates, Inc.  
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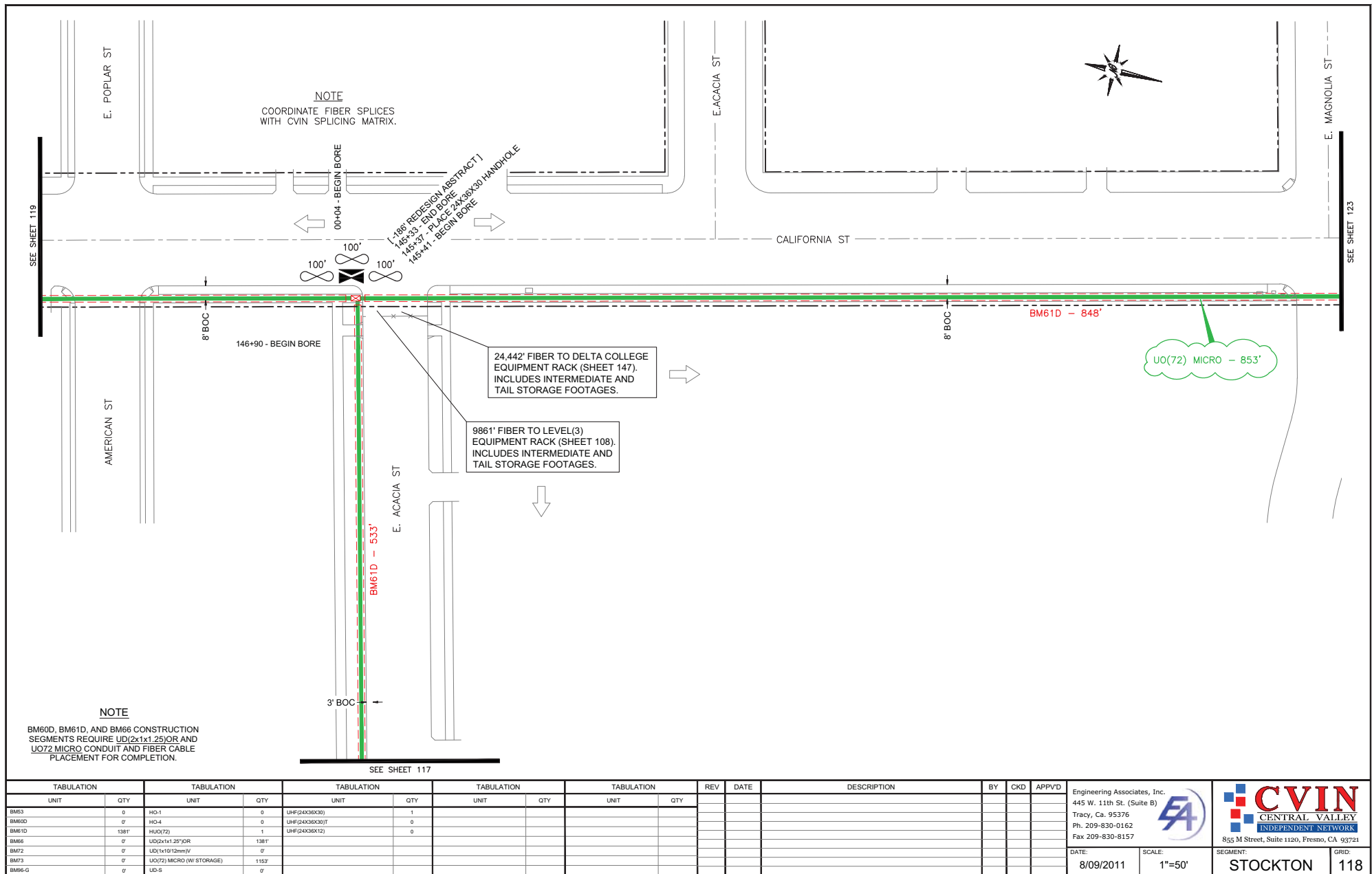
  
CENTRAL VALLEY  
INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93721

DATE:  
8/09/2011

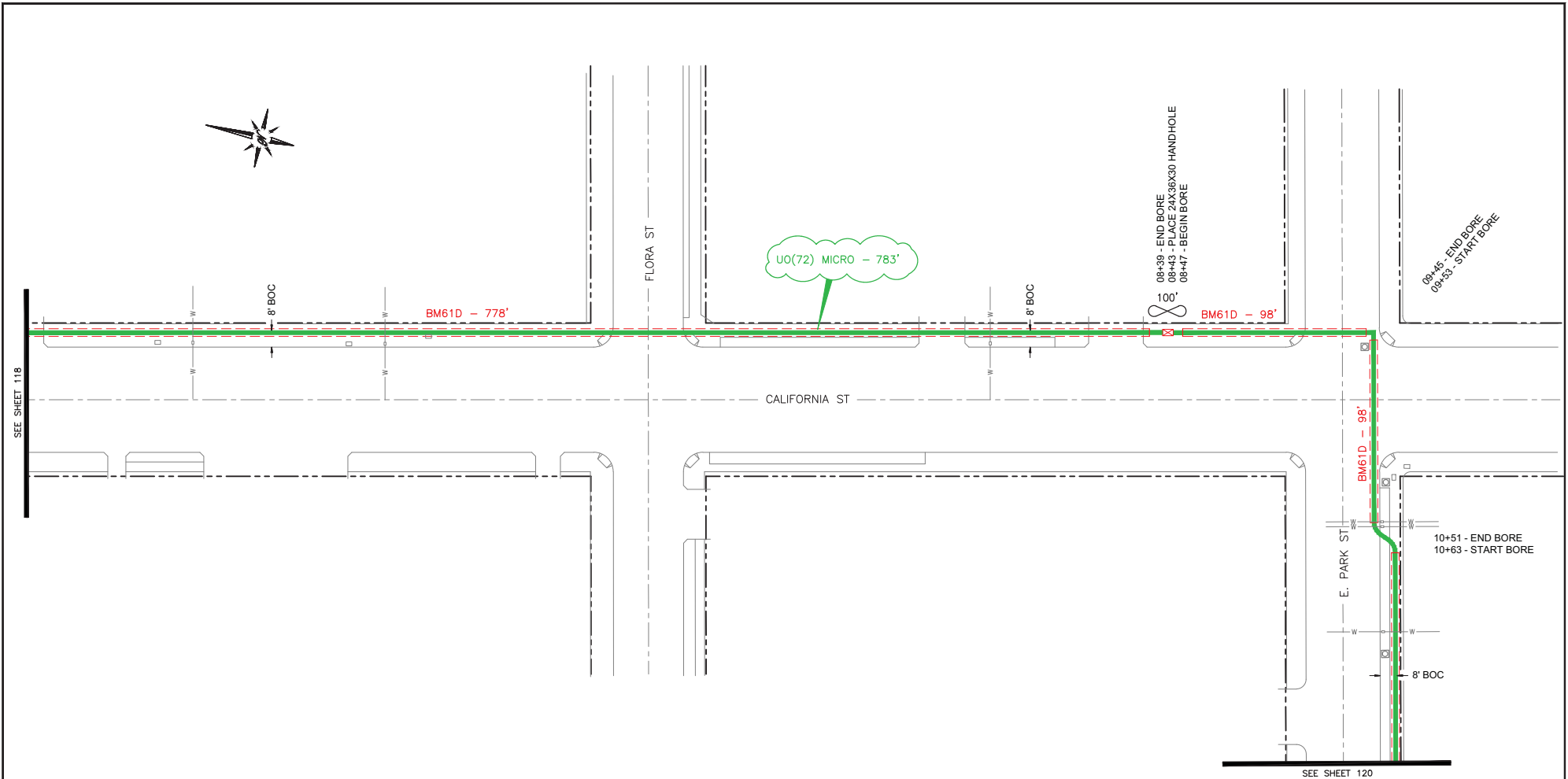
SCALE:  
1"=50'

SEGMENT:  
STOCKTON

GRID:  
117







**NOTE**

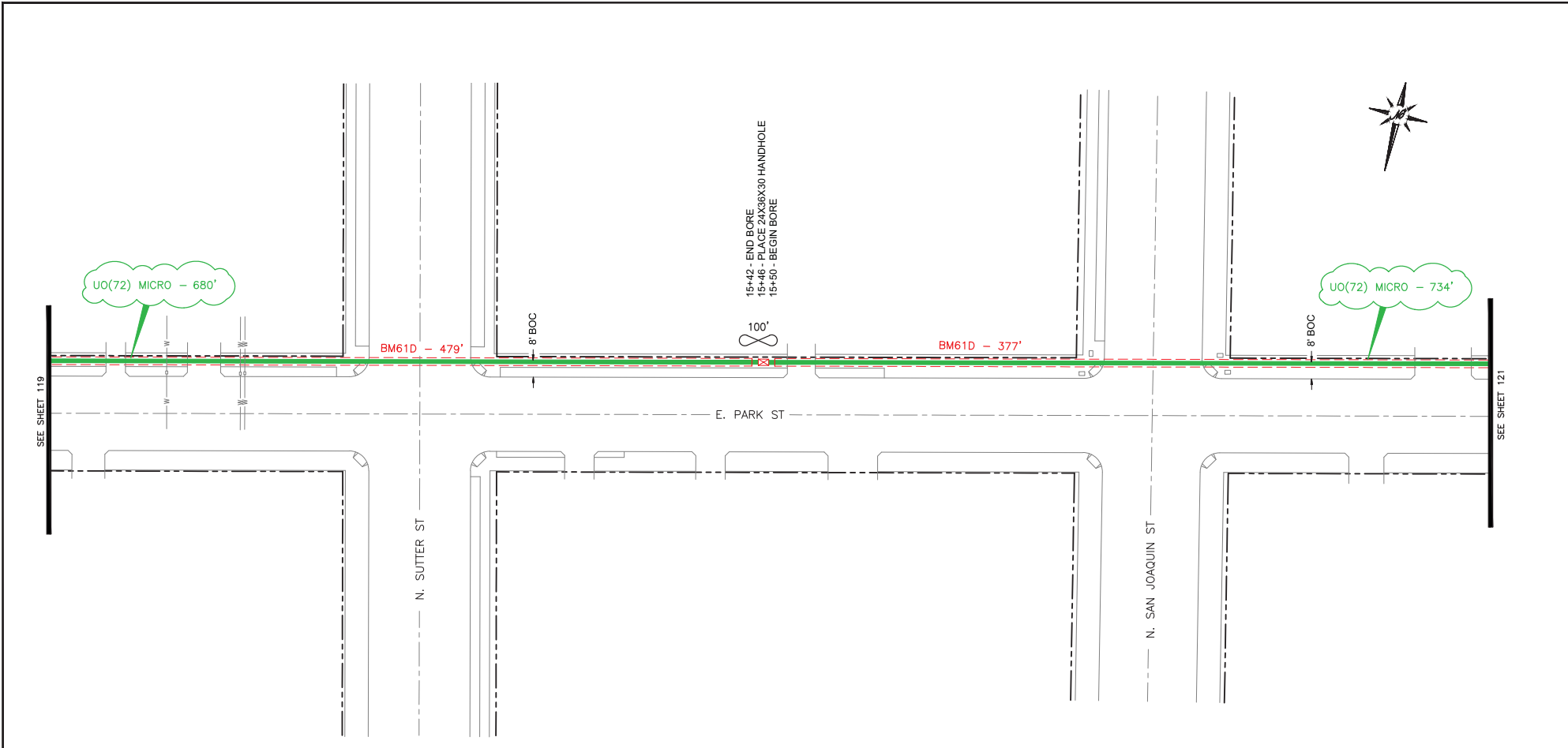
BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM03	0	HO-1	0	UHF(24X36X30)	1												
BM60D	0'	HO-4	0	UHF(24X36X30)T	0												
BM61D	974'	HUO(72)	0	UHF(24X36X12)	0												
BM66	0'	UD(2x1x1.25)OR	974'														
BM72	0'	UD(1x10'12mm)U	0'														
BM73	0'	UO(72) MICRO (W STORAGE)	883'														
BM66-G	0'	UD-G	0'														

Engineering Associates, Inc.  
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**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011	SCALE: 1"=50'	SEGMENT: STOCKTON	GRID: 119
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NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1												
BM60D	0'	HO-4	0	UHF(24X36X30)T	0												
BM61D	856'	HUO(72)	0	UHF(24X36X12)	0												
BM66	0'	UD(2x1x1.25)OR	856'														
BM72	0'	UD(1x10'12mm)U	0'														
BM73	0'	UO(72) MICRO (W/ STORAGE)	1514'														
BM66-G	0'	UD-S	0'														

Engineering Associates, Inc.  
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Fax 209-830-8157



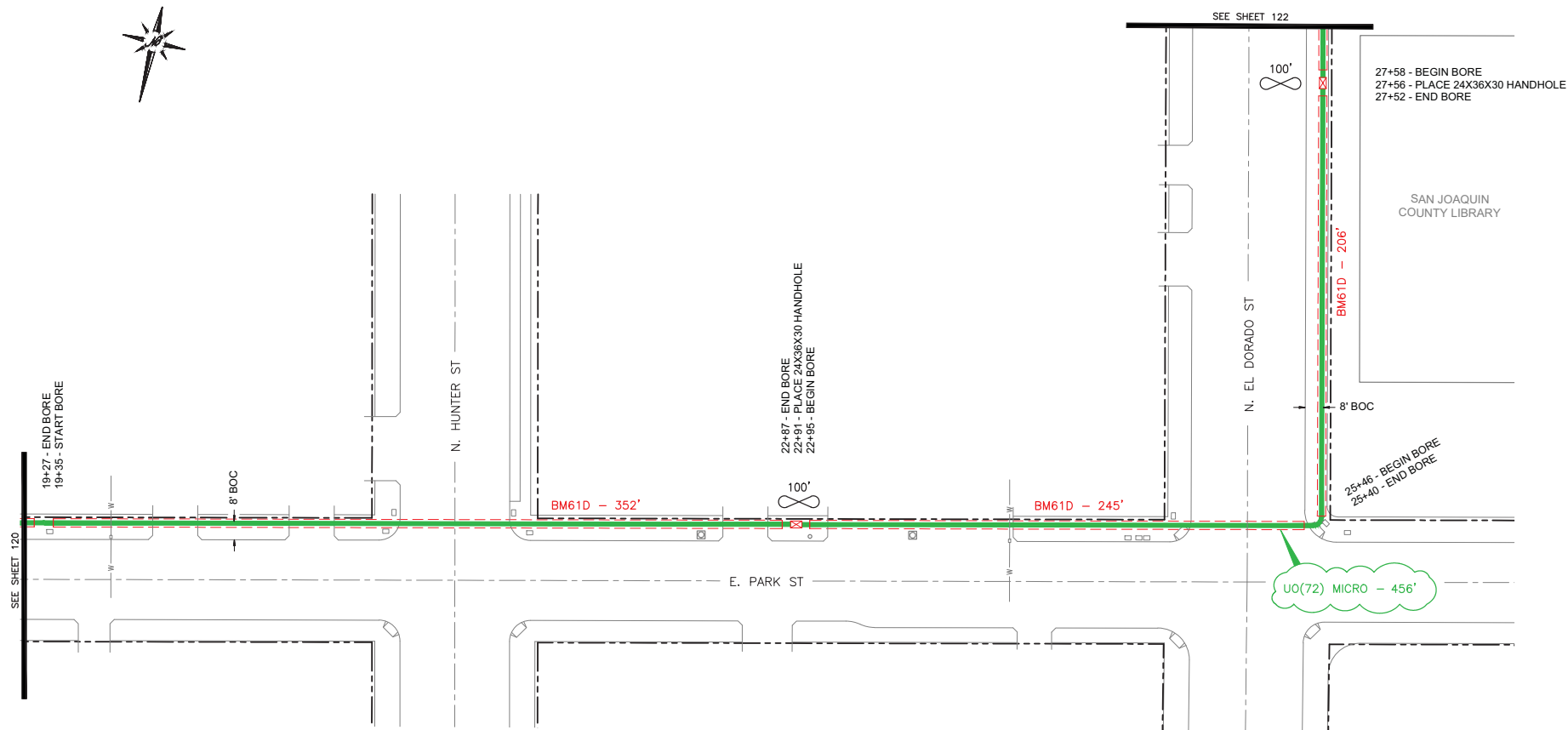
  
CENTRAL VALLEY  
INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93721

DATE:  
8/09/2011

SCALE:  
1"=50'

SEGMENT:  
STOCKTON

GRID:  
120



BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APP'VD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(2X36X30)	2										
BM60D	0	HO-4	1	UHF(2X36X30)T	0										
BM61D	803	HUQ(72)	1	UHF(2X36X12)	0										
BM66	0	UD(2x1x1 28")OR	803												
BM72	0	UD(1x1012mm)/	0												
BM73	0	UD(72) MICRO (W/ STORAGE)	0												
BM65-G	0	UD-S	0												

Engineering Associates, Inc.  
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Ph. 209-830-0162  
Fax 209-830-8157

855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011

SCALE: 1"=50'

SEGMENT: STOCKTON

GRID: 12

Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
Tracy, Ca. 95376  
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Fax 209-830-8157



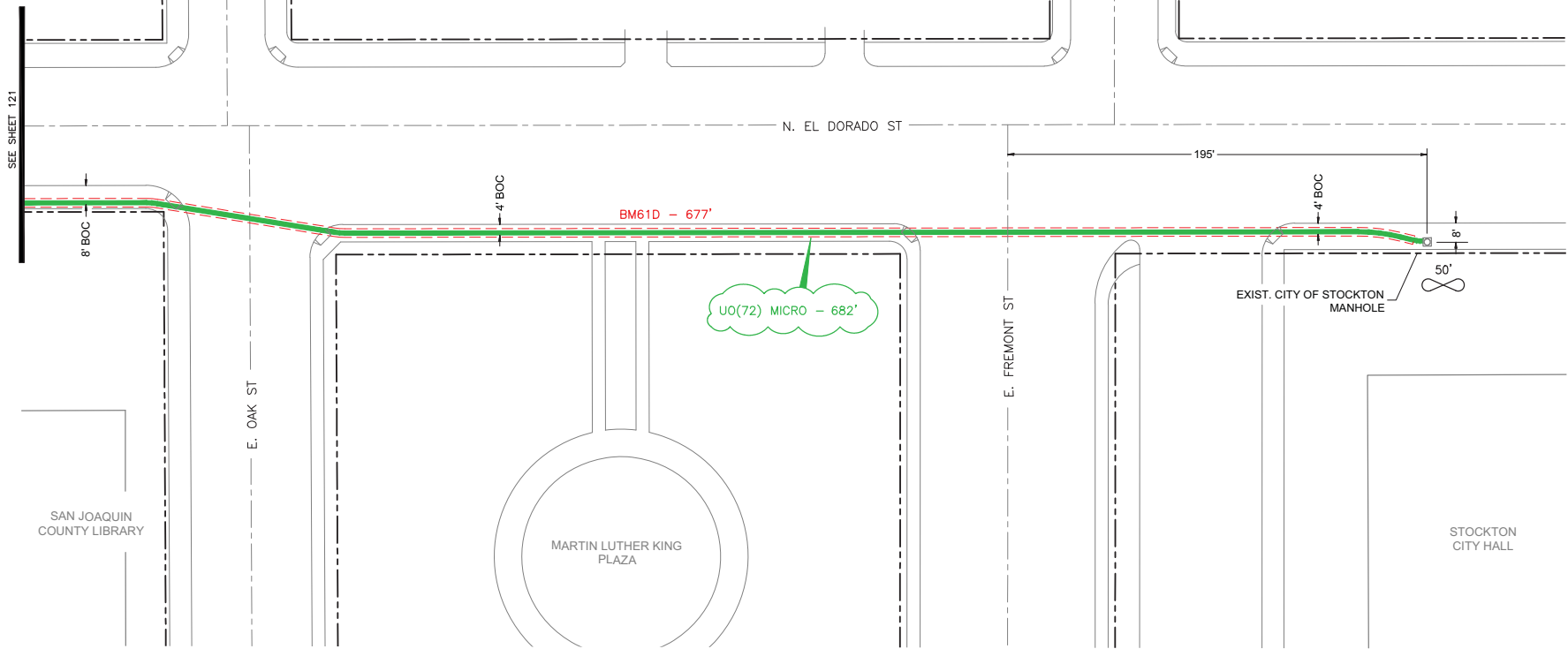
**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93726  
509.263.8888

DATE: 8/09/2011

SCALE:  
1"=50'

SEGMENT:  
STOCKTON

GRID:	121
-------	-----



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD		
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY								
BM63	0	HO-1	0	UHF(24X36X30)	0												
BM60D	0	HO-4	0	UHF(24X36X30)T	0												
BM61D	67'	UO(72)	0	UHF(24X36X12)	0												
BM66	0	UO(2x1x1.25)OR	67'														
BM72	0	UO(1x10'12mm)U	0														
BM73	0	UO(72) MICRO (W/ STORAGE)	732														
BM66-G	0	UO-S	0														

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Fax 209-830-8157

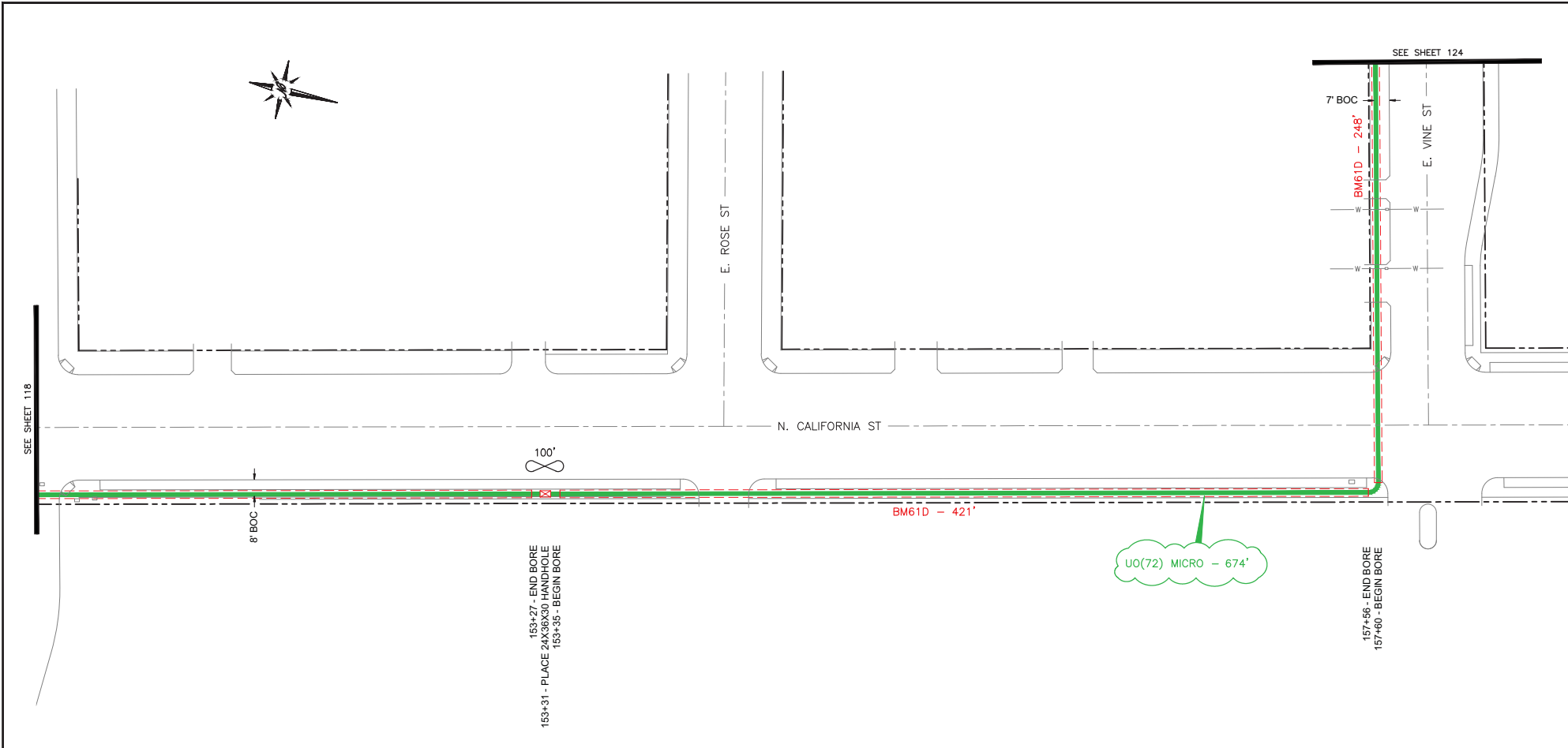
DATE: 8/09/2011

SCALE: 1"=50'

SEGMENT: STOCKTON

GRID: 122

CVIN  
CENTRAL VALLEY  
INDEPENDENT NETWORK



NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(24X1X1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1												
BM60D	0'	HO-4	0	UHF(24X36X30)T	0												
BM61D	669'	HUO(72)	0	UHF(24X36X12)	0												
BM66	0'	UO(24x1.25")OR	669'														
BM72	0'	UO(1x10"12mm)U	0'														
BM73	0'	UO(72) MICRO (W/ STORAGE)	774'														
BM66-G	0'	UO-S	0'														

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**CVIN**  
 CENTRAL VALLEY  
 INDEPENDENT NETWORK  
 855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011	SCALE: 1"=50'	SEGMENT: STOCKTON	GRID: 123
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160+08 - END BORE  
160+12 - PLACE 24X36X30 HANDHOLE  
160+16 - BEGIN BORE

SEE SHEET 123

100'

7' BOC

N. SUTTER ST

BM61D - 567'

E. VINE ST

UO(72) MICRO - 788'

165+83 - END BORE  
165+87 - BEGIN BORE



N. SAN JOAQUIN ST

BM61D - 216'

7' BOC

168+07 - END BORE  
168+11 - PLACE 24X36X30 HANDHOLE  
168+15 - BEGIN BORE

SEE SHEET 125

#### NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UO(2x1x1.25)OR AND  
UO72 MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.

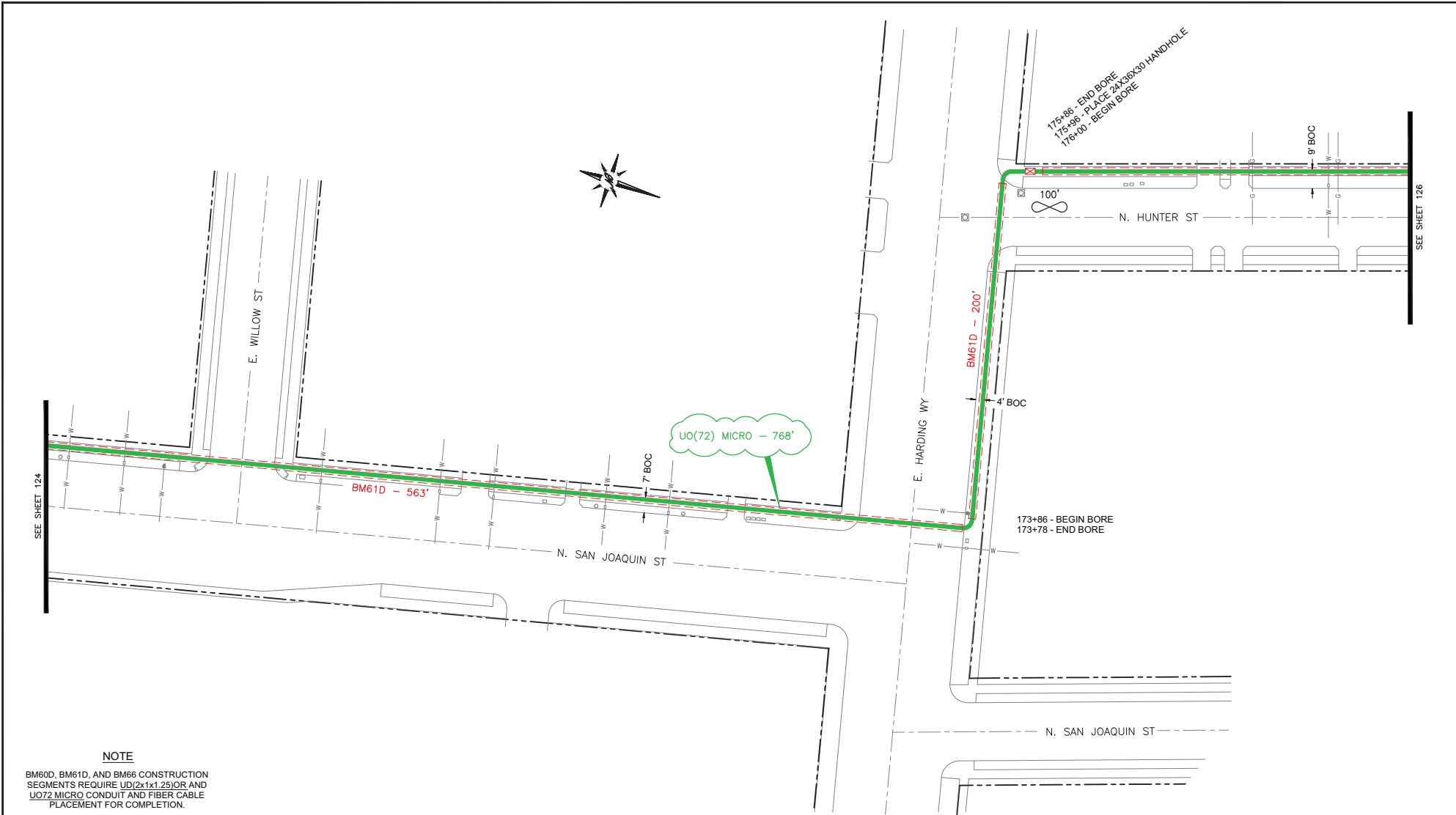
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	2										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	783'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0'	UO(2x1x1.25)OR	783'												
BM72	0'	UO(1x10'12mm)U	0'												
BM73	0'	UO(72) MICRO (W/ STORAGE)	988'												
BM66-G	0'	UO-G	0'												

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DATE: 8/09/2011  
SCALE: 1"=50'



SEGMENT: STOCKTON  
GRID: 124

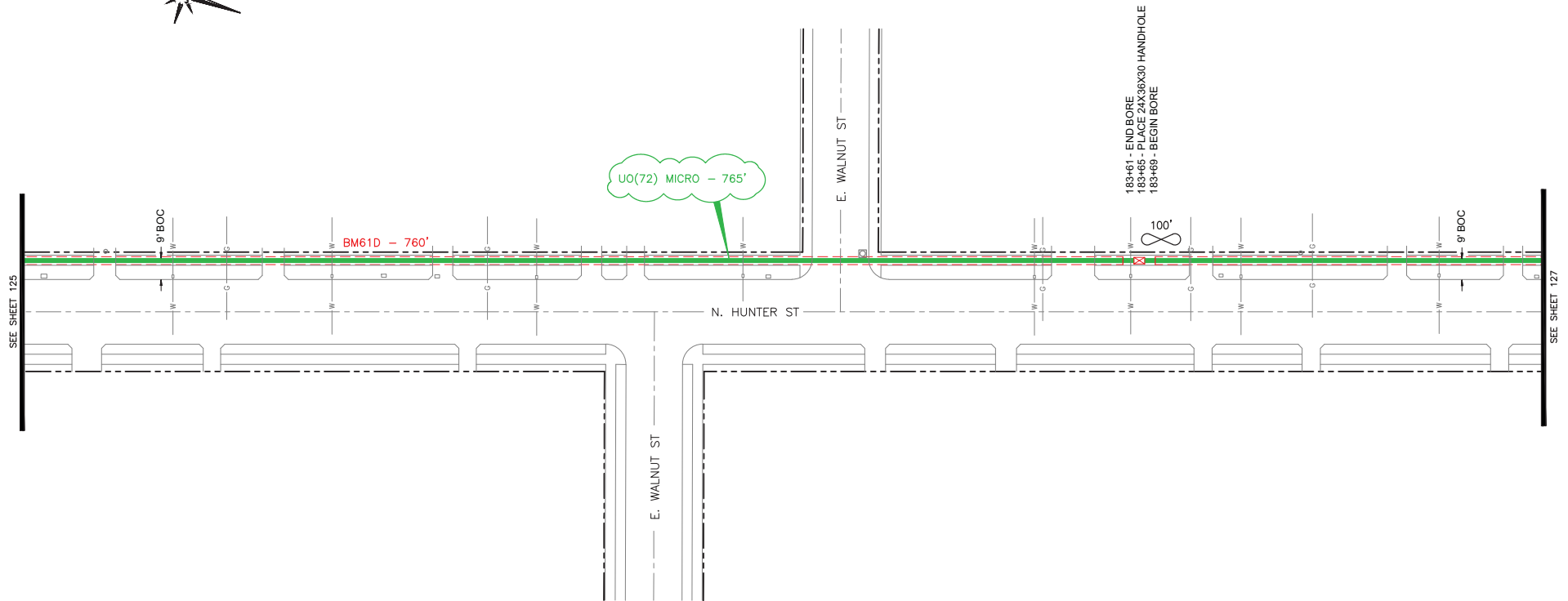
CVIN  
CENTRAL VALLEY  
INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93721



NOTE



BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div><b>CVIN</b> CENTRAL VALLEY INSURANCE BROKERS 855 M Street, Suite 1120, Fresno, CA 93721</div>
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY									
BM63	0	HO-1	0	UHF(24X36X30)	1													
BM60D	0	HO-4	0	UHF(24X36X30)T	0													
BM61D	763	HUO(72)	0	UHF(24X36X12)	0													
BM66	0	UD2x1x1.25"OR	763															
BM72	0	UD(1x10'12mm)U	0															
BM73	0	UO(72) MICRO (W/ STORAGE)	868															
BM66-G	0	UD-S	0															
										DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:	STOCKTON	GRID:	125	



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO(72) MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

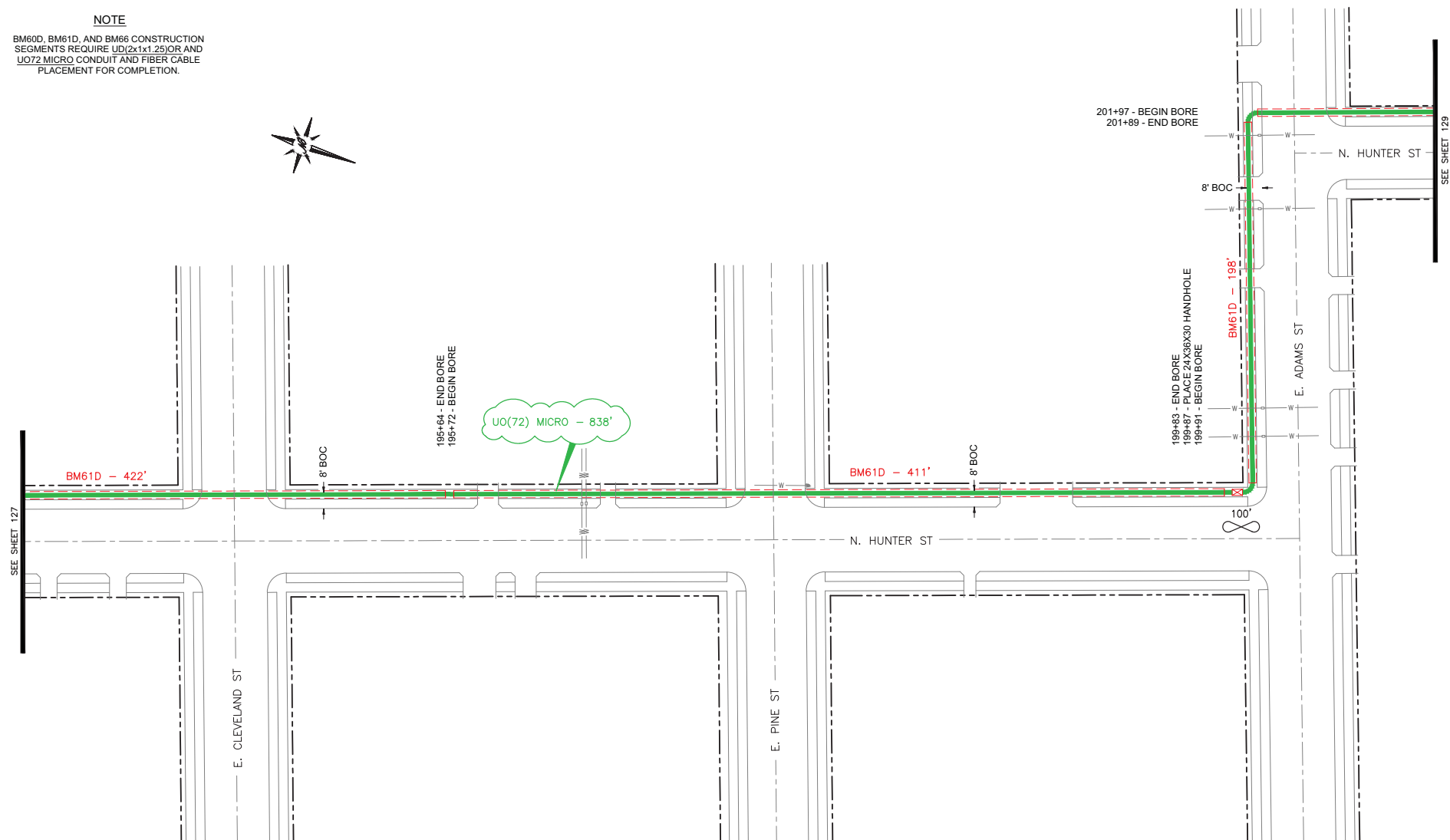
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157			DATE:	SCALE:	SEGMENT:	GRID:
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY													
BM63	0	HO-1	0	UHF(24X36X30)	1																	
BM60D	0'	HO-4	0	UHF(24X36X30)T	0																	
BM61D	760'	HUO(72)	0	UHF(24X36X12)	0																	
BM66	0'	UD(2x1x1.25)OR	760'																			
BM72	0'	UD(1x10'12mm)W	0'																			
BM73	0'	UO(72) MICRO (W STORAGE)	860'																			
BM66-G	0'	UD-S	0'																			

8/09/2011	1"=50'	STOCKTON	126
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BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UD(2x1x1.25)OR AND  
UO72 MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APP'VD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1										
BM60D	0	HO-4	0	UHF(24X36X30)T	0										
BM61D	1031"	HUQ(72)	0	UHF(24X36X12)	0										
BM66	0	UD(2x1x1 28")OR	1031"												
BM72	0	UD(1x1012mm/L)	0												
BM73	0	UD(72) MICRO (W/ STORAGE)	0												
BM65-G	0	UD-S	0												

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DATE: 8/09/2011

SCALE: 1"=50'

SEGMENT: STOCKTON

GRID: 128



NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UD(2x1x1.25)OR AND  
UO(72) MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.



SEE SHEET 131

8' BOC

218+16 - BEGIN BORE  
218+12 - PLACE 24X36X30 HANDHOLE  
218+08 - END BORE

100'

BM61D - 211'

215+97 - BEGIN BORE  
215+89 - END BORE

UO(72) MICRO - 557'

E. MONTEREY AVE

N. HUNTER ST

E. ARCADE ST

212+40 - END BORE  
212+44 - PLACE 24X36X30 HANDHOLE  
212+48 - BEGIN BORE

100'

BM61D - 286'

E. NOBLE ST

8' BOC

SEE SHEET 129

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	2										
BM60D	0	HO-4	0	UHF(24X36X30)T	0										
BM61D	838'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0	UD(2x1x1.25)OR	838'												
BM72	0	UD(1x10'12mm)U	0												
BM73	0	UO(72) MICRO (W/ STORAGE)	757'												
BM66-G	0	UD-S	0												

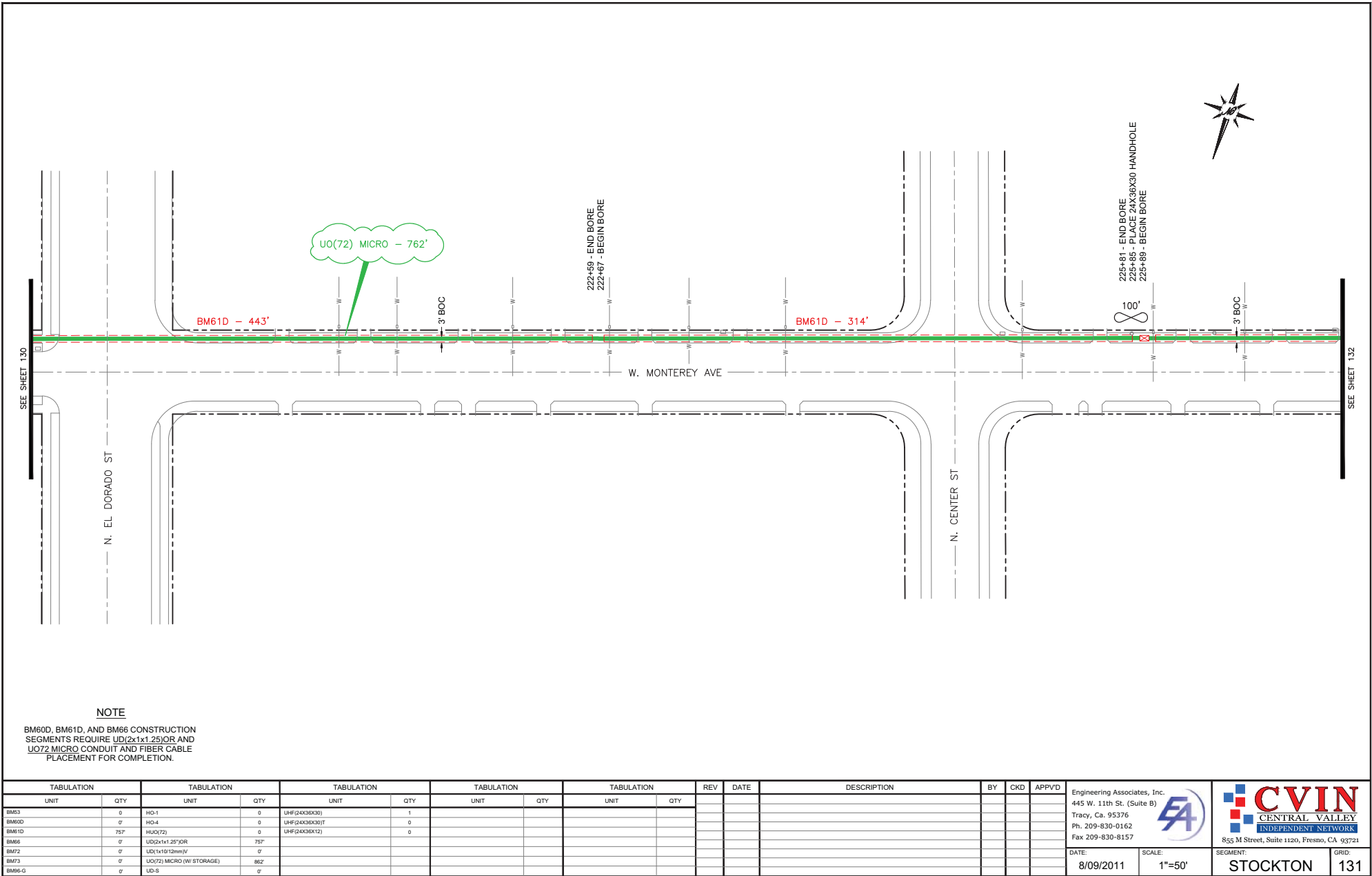
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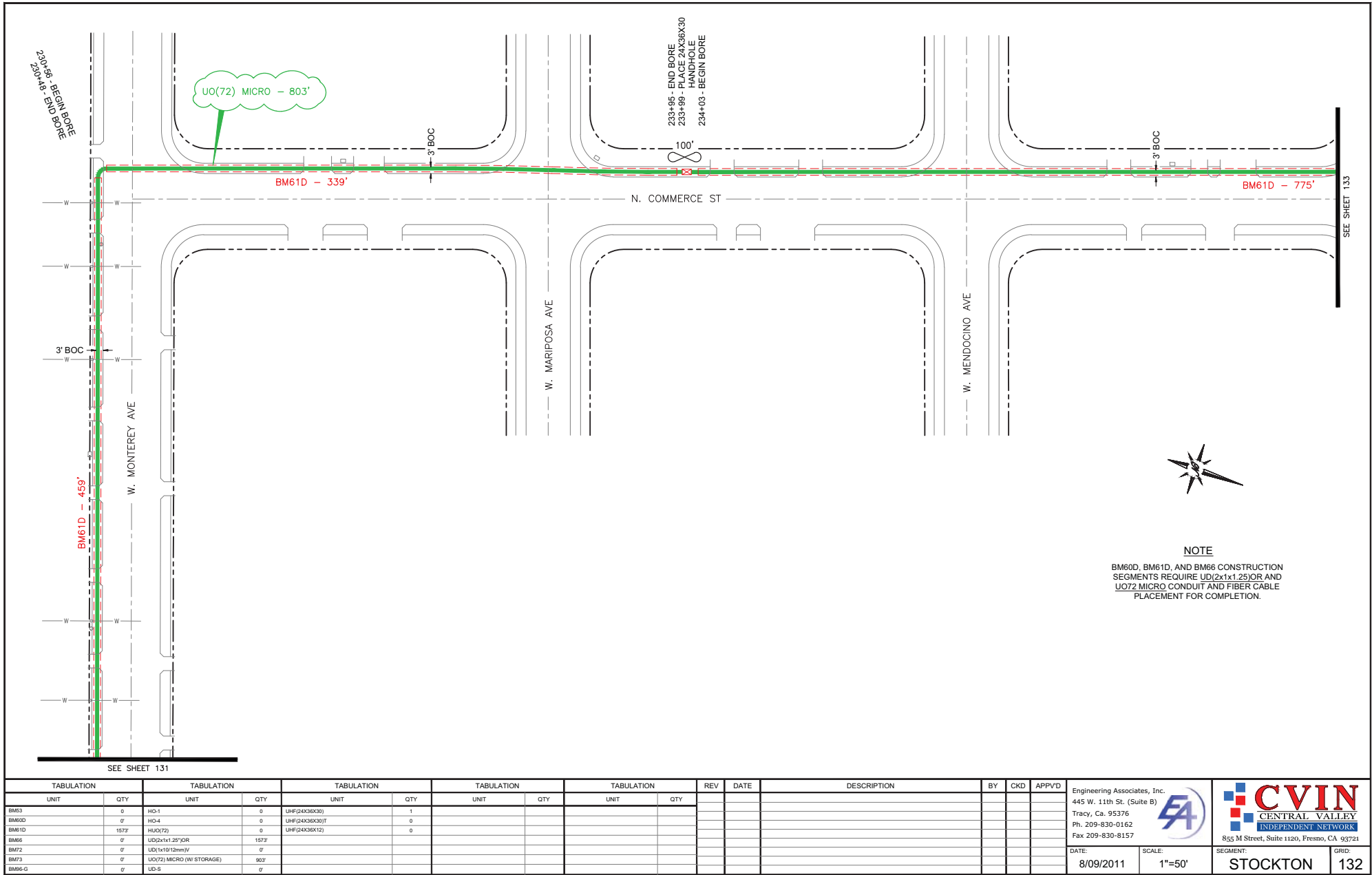
DATE: 8/09/2011 SCALE: 1"=50'

SEGMENT: STOCKTON GRID: 130



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157			DATE:	SCALE:	SEGMENT:	GRID:
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY													
BM03	0	HO-1	0	UHF(24X36X30)	1																	
BM60D	0'	HO-4	0	UHF(24X36X30)T	0																	
BM61D	75'	HUO(72)	0	UHF(24X36X12)	0																	
BM66	0'	UO(2x1x1.25)OR	75'																			
BM72	0'	UO(1x10'12mm)U	0'																			
BM73	0'	UO(72) MICRO (W/ STORAGE)	862'																			
BM66-G	0'	UO-G	0'																			

8/09/2011	1"=50'	STOCKTON	131
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TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM03	0	HO-1	0	UHF(24X36X30)	1												
BM60D	0	HO-4	0	UHF(24X36X30)T	0												
BM61D	1573	HUO(72)	0	UHF(24X36X12)	0												
BM66	0	UD(2x1x1.25)OR	1573														
BM72	0	UD(1x10'12mm)U	0														
BM73	0	UO(72) MICRO (W/ STORAGE)	903														
BM66-G	0	UD-S	0														

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DATE: 8/09/2011



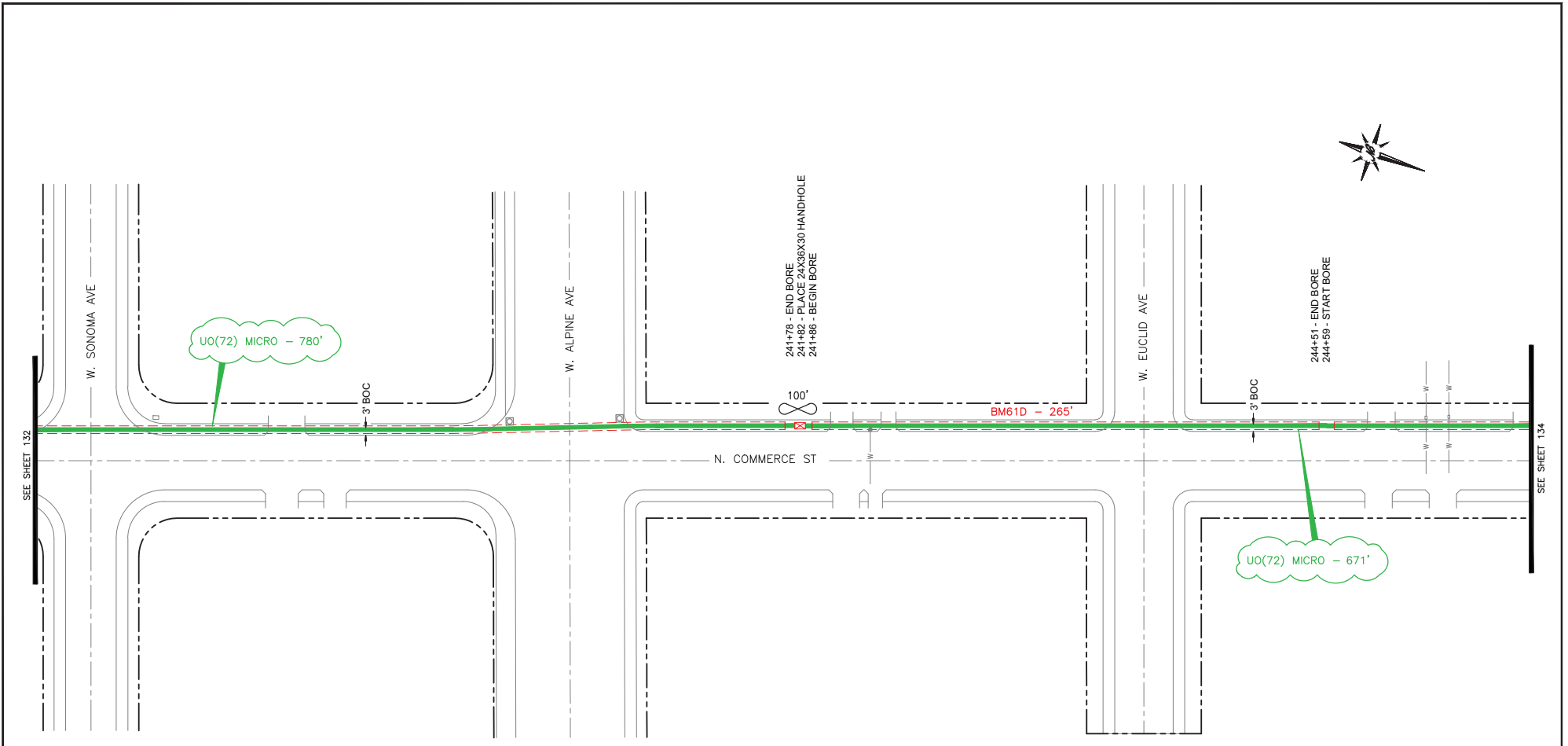
SCALE: 1"=50'

SEGMENT: STOCKTON

GRID: 132



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CENTRAL VALLEY  
INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93721



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM03	0	HO-1	0	UHF(24X38X30)	1												
BM60D	0'	HO-4	0	UHF(24X38X30)T	0												
BM61D	265'	UO(72)	0	UHF(24X38X12)	0												
BM66	0'	UO(2x1x1.25)OR	265'														
BM72	0'	UO(1x10'12mm)U	0'														
BM73	0'	UO(72) MICRO (W/ STORAGE)	1551'														
BM66-G	0'	UO-S	0'														

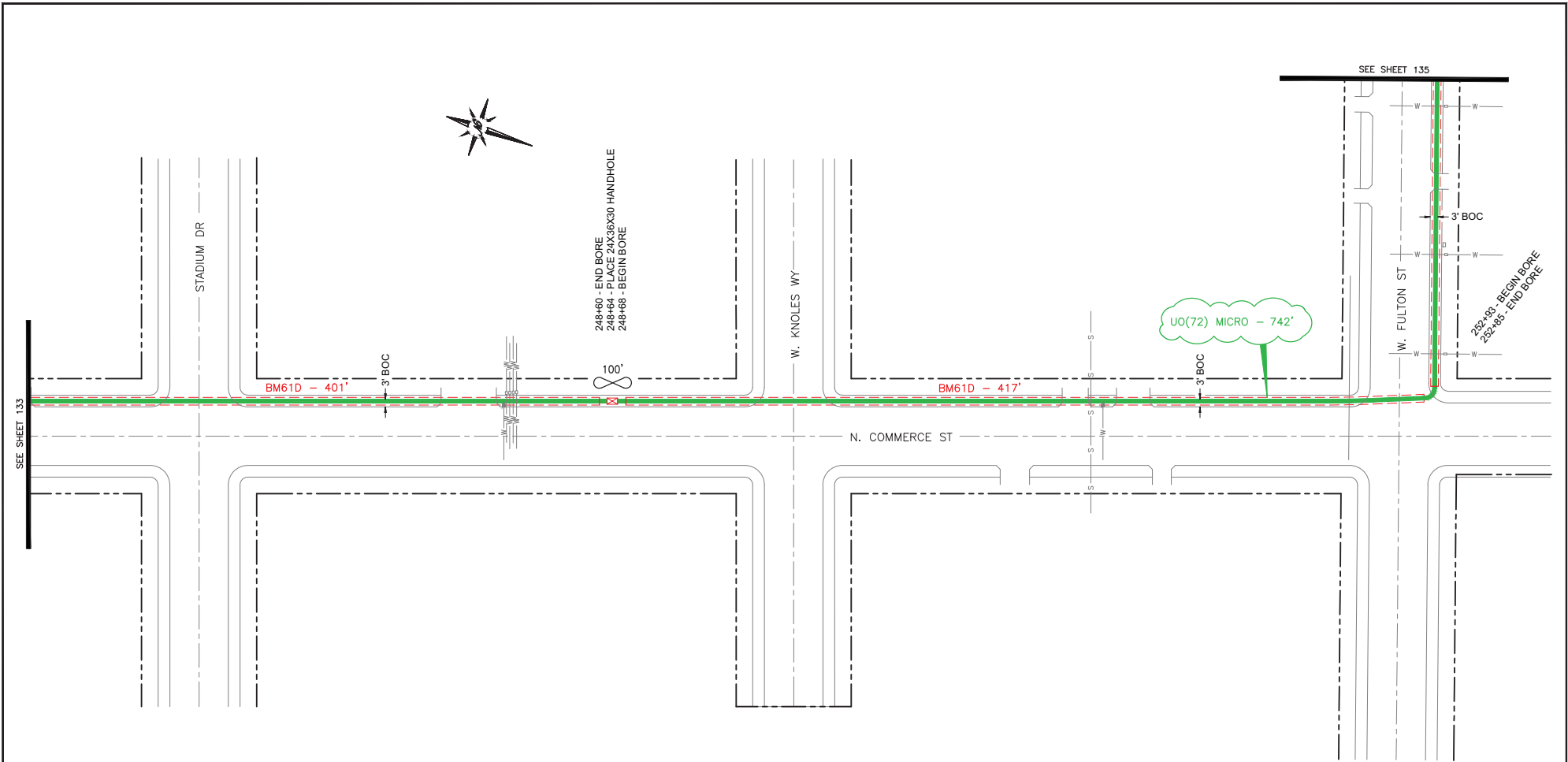
Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
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**EA**

**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK

855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011  
SCALE: 1"=50'  
SEGMENT: STOCKTON  
GRID: 133




**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1												
BM60D	0'	HO-4	0	UHF(24X36X30)T	0												
BM61D	818'	HUO(72)	0	UHF(24X36X12)	0												
BM66	0'	UD(2x1x1.25)OR	818'														
BM72	0'	UD(1x10'12mm)U	0'														
BM73	0'	UO(72) MICRO (W/ STORAGE)	842'														
BM66-G	0'	UD-S	0'														

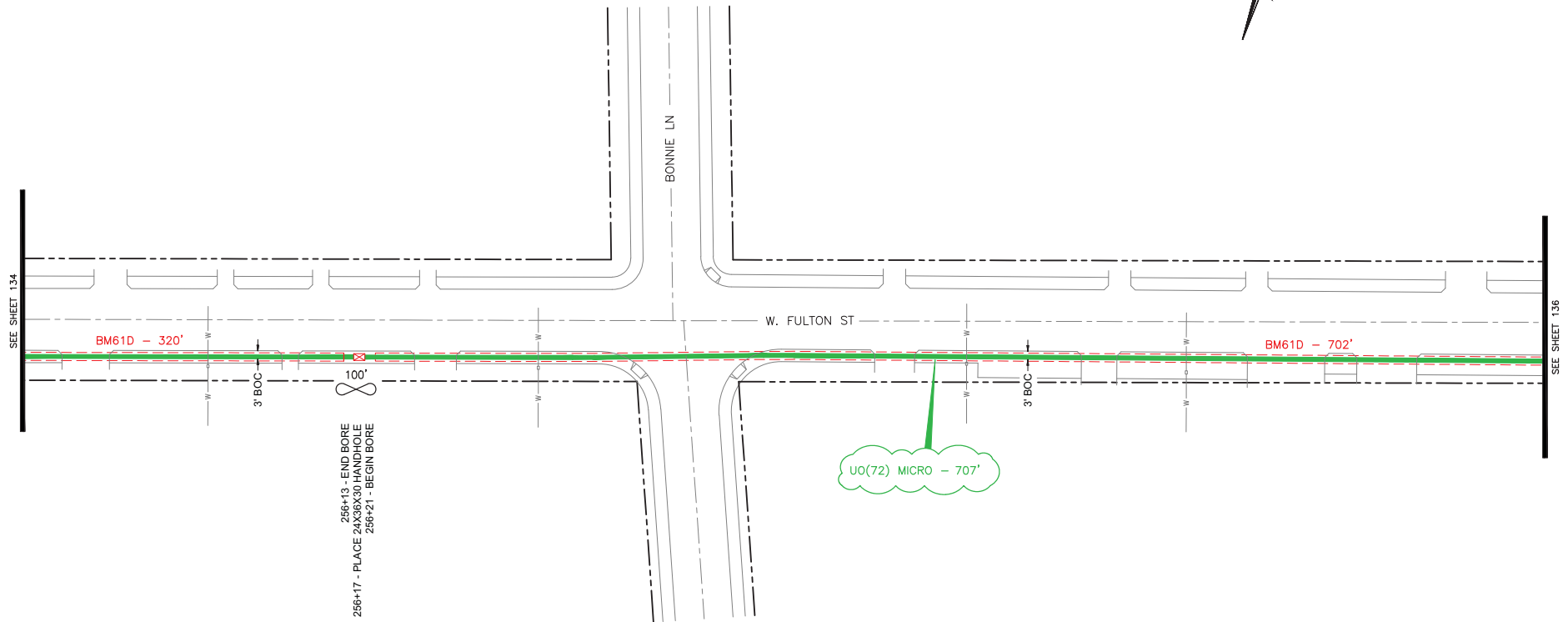
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INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011	SCALE: 1"=50'	SEGMENT: STOCKTON	GRID: 134
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**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	1022'	HO(72)	0	UHF(24X36X12)	0										
BM66	0'	UD(2x1x1.25)OR	1022'												
BM72	0'	UD(1x10'12mm)U	0'												
BM73	0'	UO(72) MICRO (W/ STORAGE)	807'												
BM66-G	0'	UD-S	0'												



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DATE: 8/09/2011

SCALE: 1"=50'

SEGMENT: STOCKTON

GRID: 135



CENTRAL VALLEY  
INDEPENDENT NETWORK



NOTE  
DEPICTED RIGHTS-OF-WAY IN THIS AREA  
ESTIMATED FROM CONFLICTING RECORDS.

PRESIDENT DR

PACIFIC AVE

BM61D - 456'

UO(72) MICRO - 480'

263+50 - END BORE  
263+58 - START BORE

BM61D - 19'

263+31 - BEGIN BORE  
263+27 - PLACE 24X36X30 HANDHOLE  
263+23 - END BORE

W. FULTON ST

100'

3' BOC

3' BOC

100'

268+22 - BEGIN BORE  
268+18 - PLACE 24X36X30 HANDHOLE  
268+14 - END BORE

SEE SHEET 137

SEE SHEET 135

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM03	0	HO-1	0	UHF(24X36X30)	2										
BM000	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	475'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0'	UD(2x1x1.25')OR	475'												
BM72	0'	UD(1x10'12mm)U	0'												
BM73	0'	UD(72) MICRO (W STORAGE)	680'												
BM66-G	0'	UD-G	0'												



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DATE: 8/09/2011

SCALE: 1"=50'

SEGMENT: STOCKTON

GRID: 136



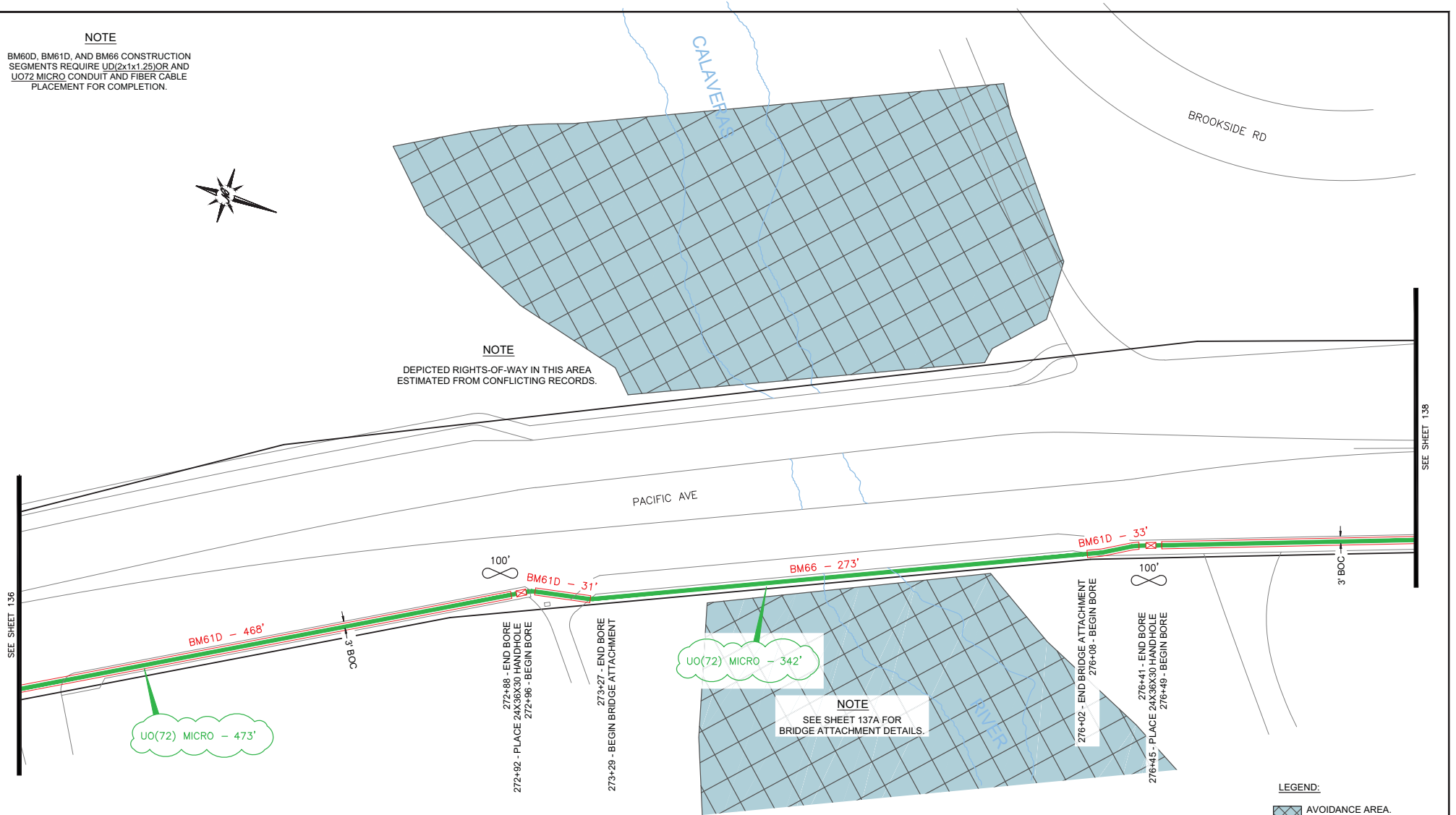
# NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UDI(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.





# NOTE

DEPICTED RIGHTS-OF-WAY IN THIS AREA ESTIMATED FROM CONFLICTING RECORDS.



# LEGEND:

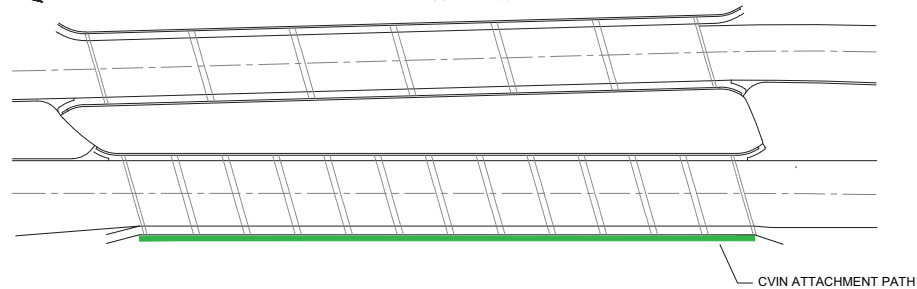
- AVOIDANCE AREA.
- SEASONAL & PERMANENT AQUATIC.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157			855 M Street, Suite 1120, Fresno, CA 93721
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	1	8/30/11	BIOLOGICAL AVOIDANCE INFO							
BM53	0	HO-1	0	UHF(24X36X30)	2														
BM60D	0	HO-4	0	UHF(24X36X30)T	0														
BM61D	532'	HO(72)	0	UHF(24X36X12)	0														
BM66	273'	UDI(2x1x1.25)OR	865'																
BM72	0'	UDI(1x10/12mm)W	0'																
BM73	0'	UDI(72) MICRO (W/ STORAGE)	1015'																
BM96-G	0'	UD-S	0'																

DATE: 6/25/2011

SCALE: 1"=50'

SEGMENT: STOCKTON GRID: 137



SEE DETAIL BELOW

WELDING SEAM

METAL BUSHING

INTERNAL GROUND

NYLON BUSHING

EXTENDED 25"  
TRACKED 15"

COUPLING

1 1/2"

5' PIPE

4' PIPE


1 1/2"

MATERIAL	UNIT WEIGHT	QUANTITY	INSTALLED WEIGHT
4" (4.50" O.D.) STEEL PIPE	10.79 LBS./FT.	273'	2945.7 LBS.
UNISTRUT SUPPORT ASSEMBLY	2.78 LBS. EA.	27	75.1 LBS.
4" STEEL EXPANSION JOINT	47.0 LBS. EA.	2	94.0 LBS.
1.25" HDPE CONDUIT	0.31 LBS./FT.	273'	84.6 LBS.
1.25" HDPE 4-WAY CONDUIT WITH (4) MICRODUCTS & TRACER WIRE	0.45 LBS./FT.	273'	122.9 LBS.
72-CT. FIBER OPTIC CABLE	0.17 LBS./FT.	273'	46.4 LBS.
TOTAL INSTALLED WEIGHT:			3368.7 LBS.

1. SLOTTED CHANNEL SHALL BE ATTACHED TO CONCRETE BRIDGE SECTION WITH (2) 3/8" STAINLESS STEEL DROP-IN ANCHORS, MINIMUM EMBED - 1-1/2".
2. PIPE SUPPORT ASSEMBLY SPACING WILL BE NOTED ON EACH BRIDGE ATTACHMENT DETAIL SHEET.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	-	HQ-1	-	UHF(24X38X30)	-										
BM60	-	HQ-4	-	UHF(24X36X30)	-										
BM51D	-	HU(072)	-	UHF(24X36X12)	-										
BM66	-	U02x1x1.25"JR	-												
BM72	-	U02(1x10 12mm)/V	-												
BM73	-	U072/ MICRO (W STORAGE)	-												
BM75-G	-	U075	-												

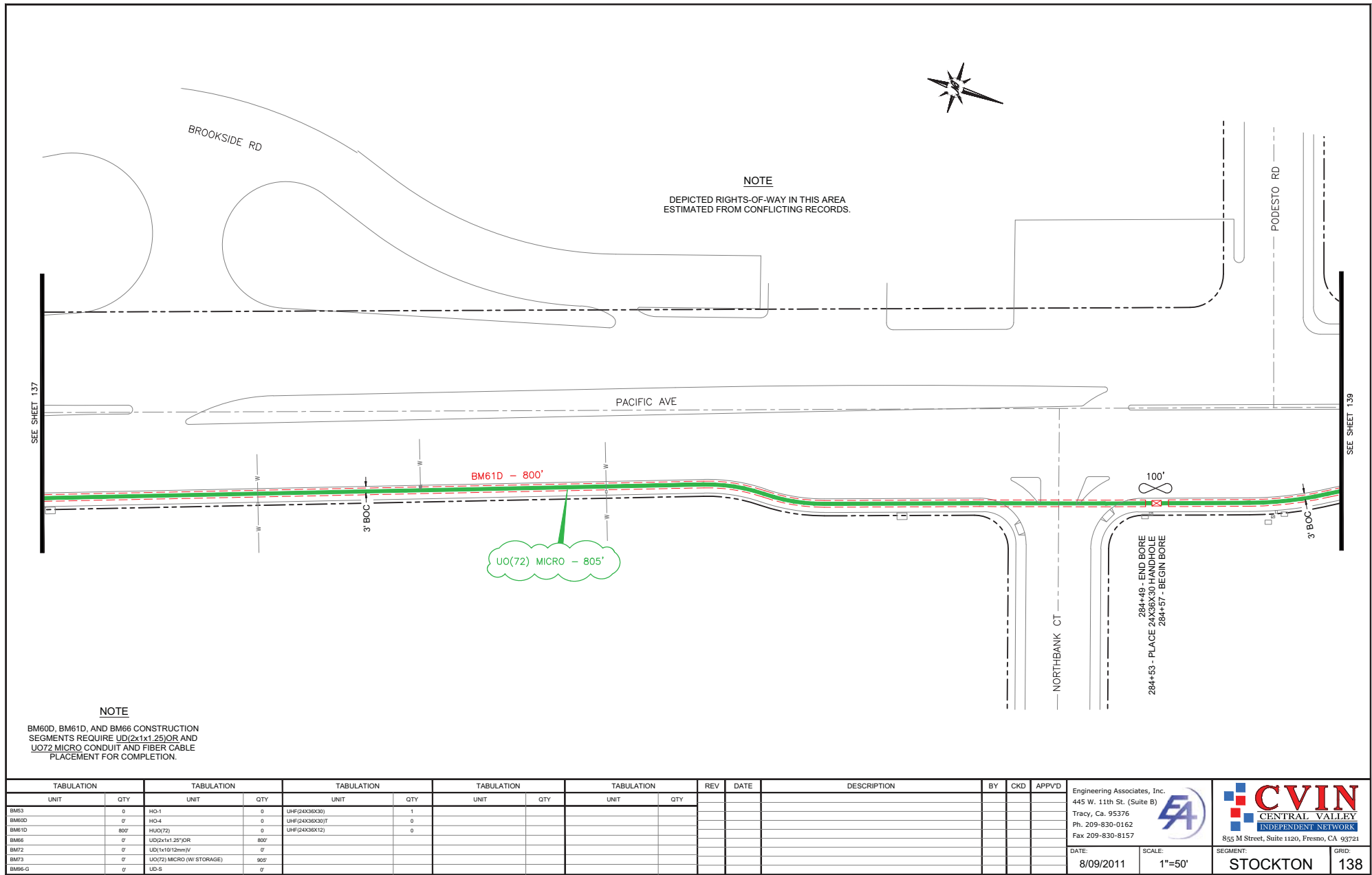
Engineering Associates, Inc.  
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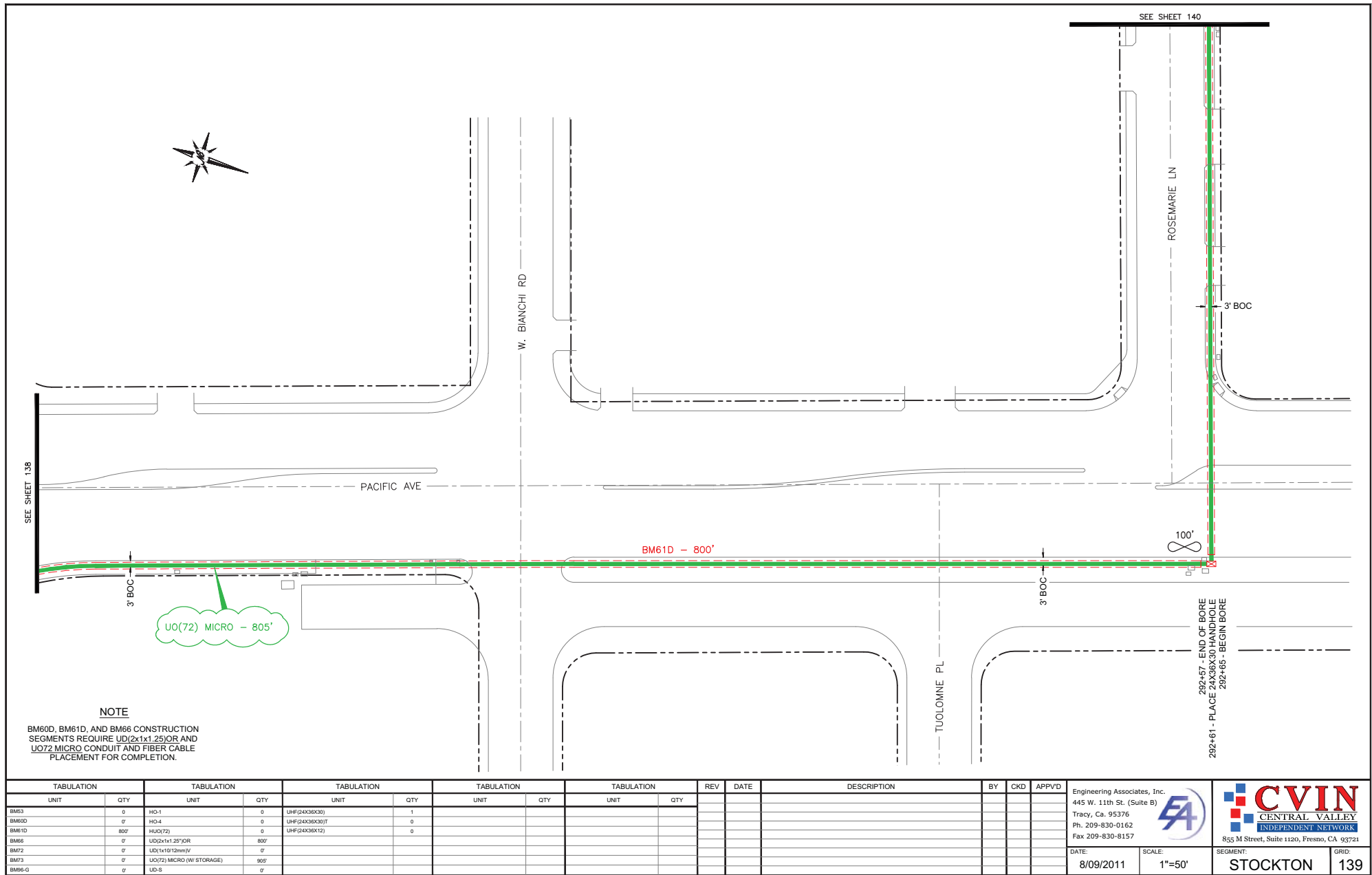


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INDEPENDENT NETWORK

855 M Street, Suite 1120, Fresno, CA 93721

DATE:	SCALE:	SEGMENT:	GRID:
8/9/2011	AS SHOWN	STOCKTON	137A





**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1												
BM60D	0'	HO-4	0	UHF(24X36X30)T	0												
BM61D	800'	HUO(72)	0	UHF(24X36X12)	0												
BM66	0'	UO(2x1x1.25)OR	800'														
BM72	0'	UO(1x10'12mm)U	0'														
BM73	0'	UO(72) MICRO (W/ STORAGE)	900'														
BM66-G	0'	UO-S	0'														

Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
Tracy, Ca. 95376  
Ph. 209-830-0162  
Fax 209-830-8157





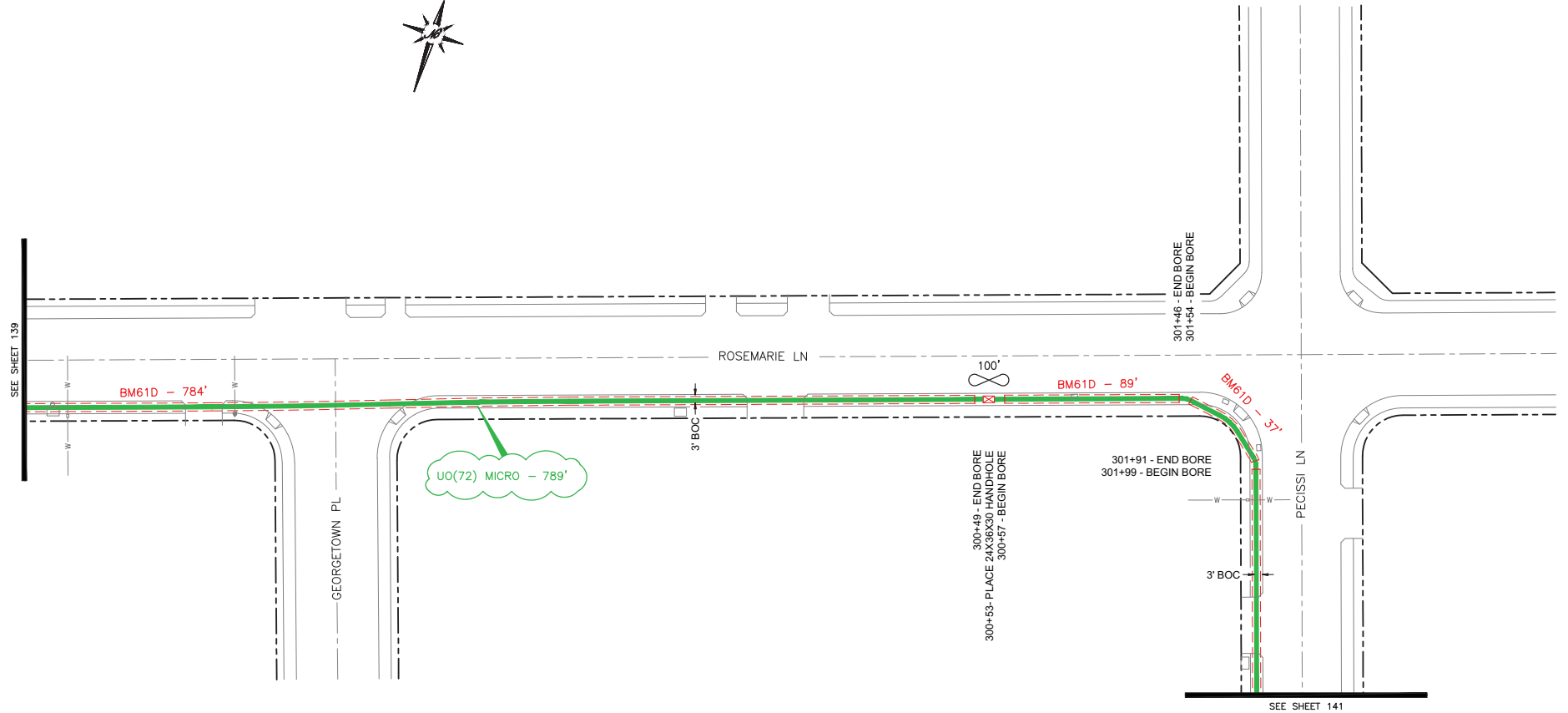
855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011

SCALE: 1"=50'



SEGMENT: STOCKTON

GRID: 139



NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

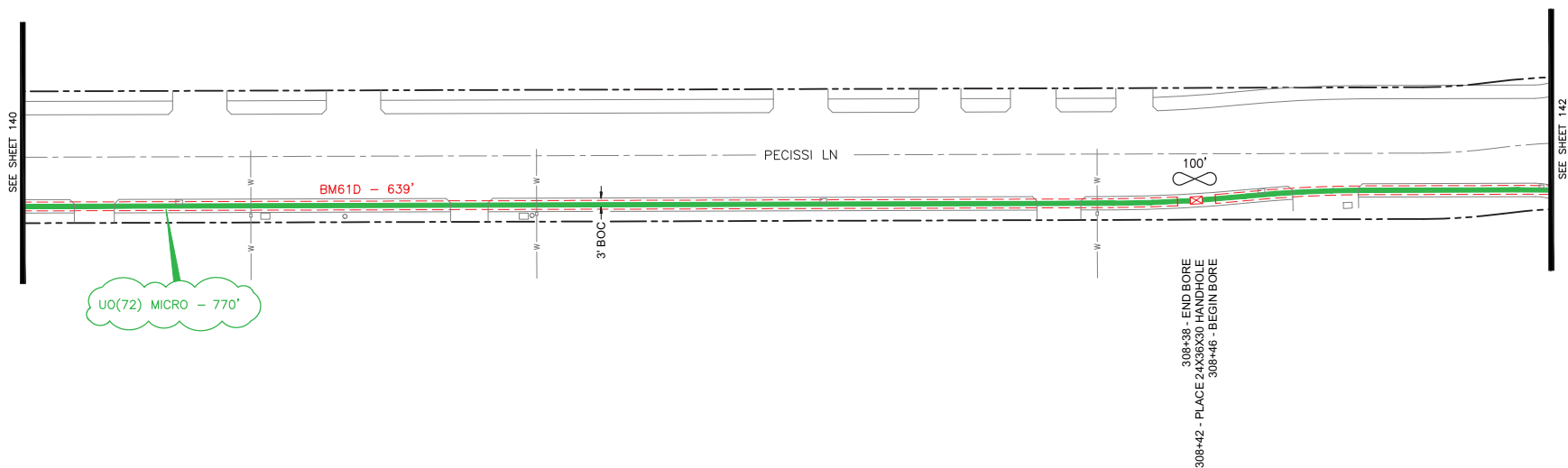
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157			DATE:	SCALE:	SEGMENT:	GRID:
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY													
BM63	0	HO-1	0	UHF(24X36X30)	1																	
BM60D	0'	HO-4	0	UHF(24X36X30)T	0																	
BM61D	910'	HUO(72)	0	UHF(24X36X12)	0																	
BM66	0'	UO(2x1x1.25)OR	910'																			
BM72	0'	UO(1x10'12mm)W	0'																			
BM73	0'	UO(72) MICRO (W STORAGE)	889'																			
BM66-G	0'	UO-S	0'																			

8/09/2011

1"=50'



STOCKTON

140



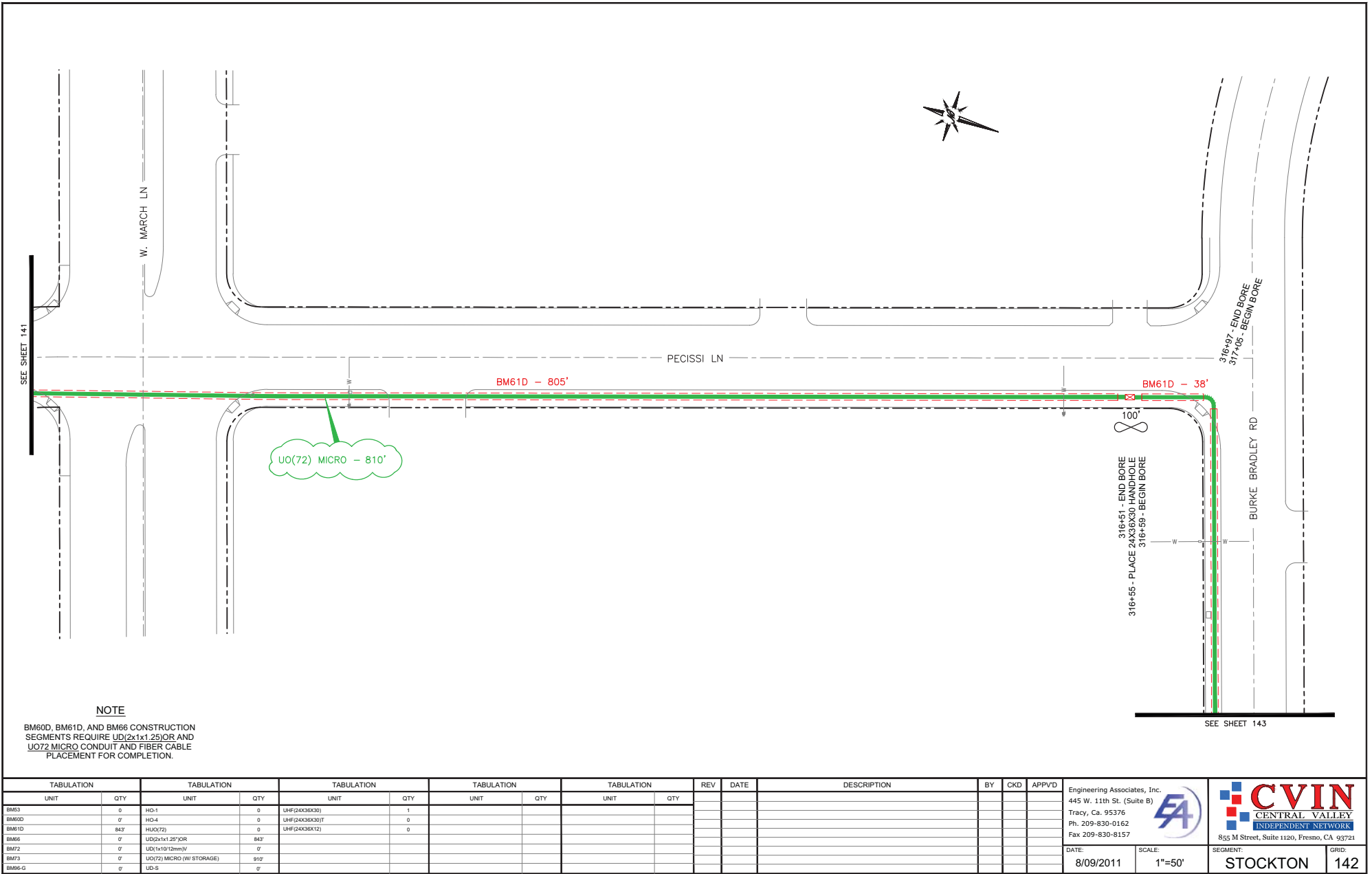
**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157		 CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721	DATE:	SCALE:	SEGMENT:	GRID:
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY													
BM63	0	HO-1	0	UHF(24X36X30)	1																	
BM60D	0'	HO-4	0	UHF(24X36X30)T	0																	
BM61D	639'	HO(72)	0	UHF(24X36X12)	0																	
BM66	0'	UO(2x1x1.25)OR	639'																			
BM72	0'	UO(1x10'12mm)U	0'																			
BM73	0'	UO(72) MICRO (W/ STORAGE)	870'																			
BM66-G	0'	UO-S	0'																			



8/09/20111"=50'STOCKTON141

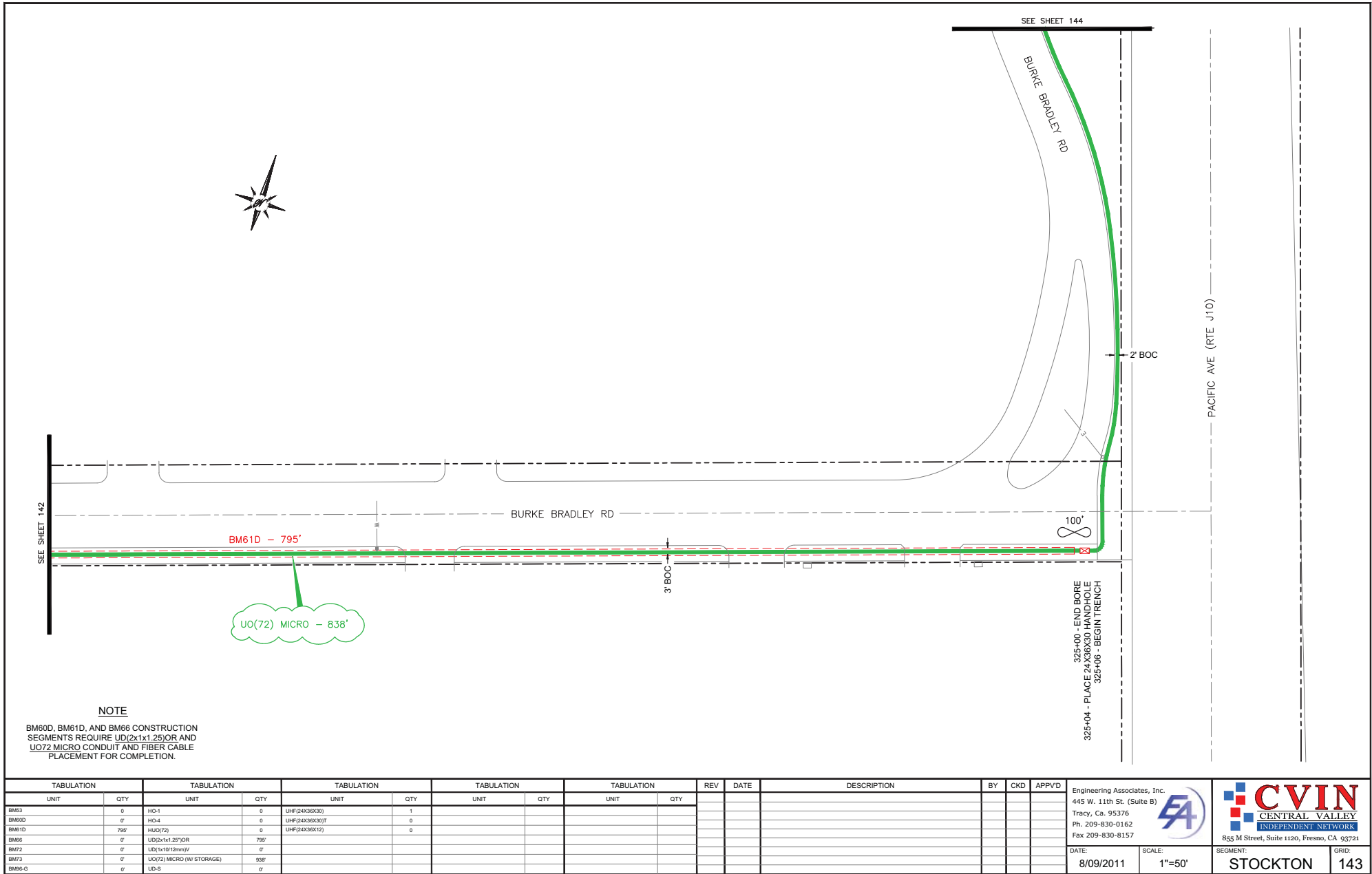


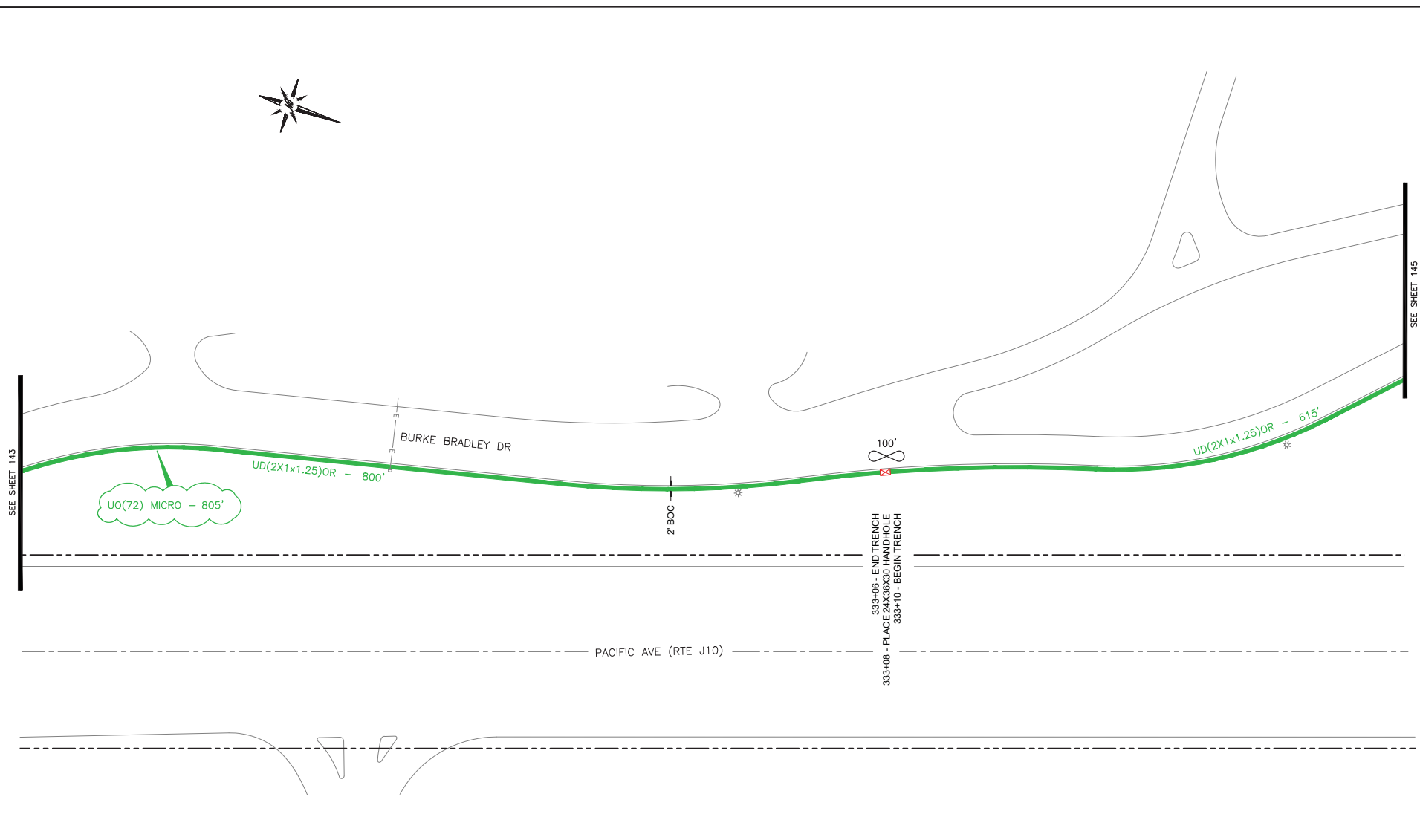


NOTE

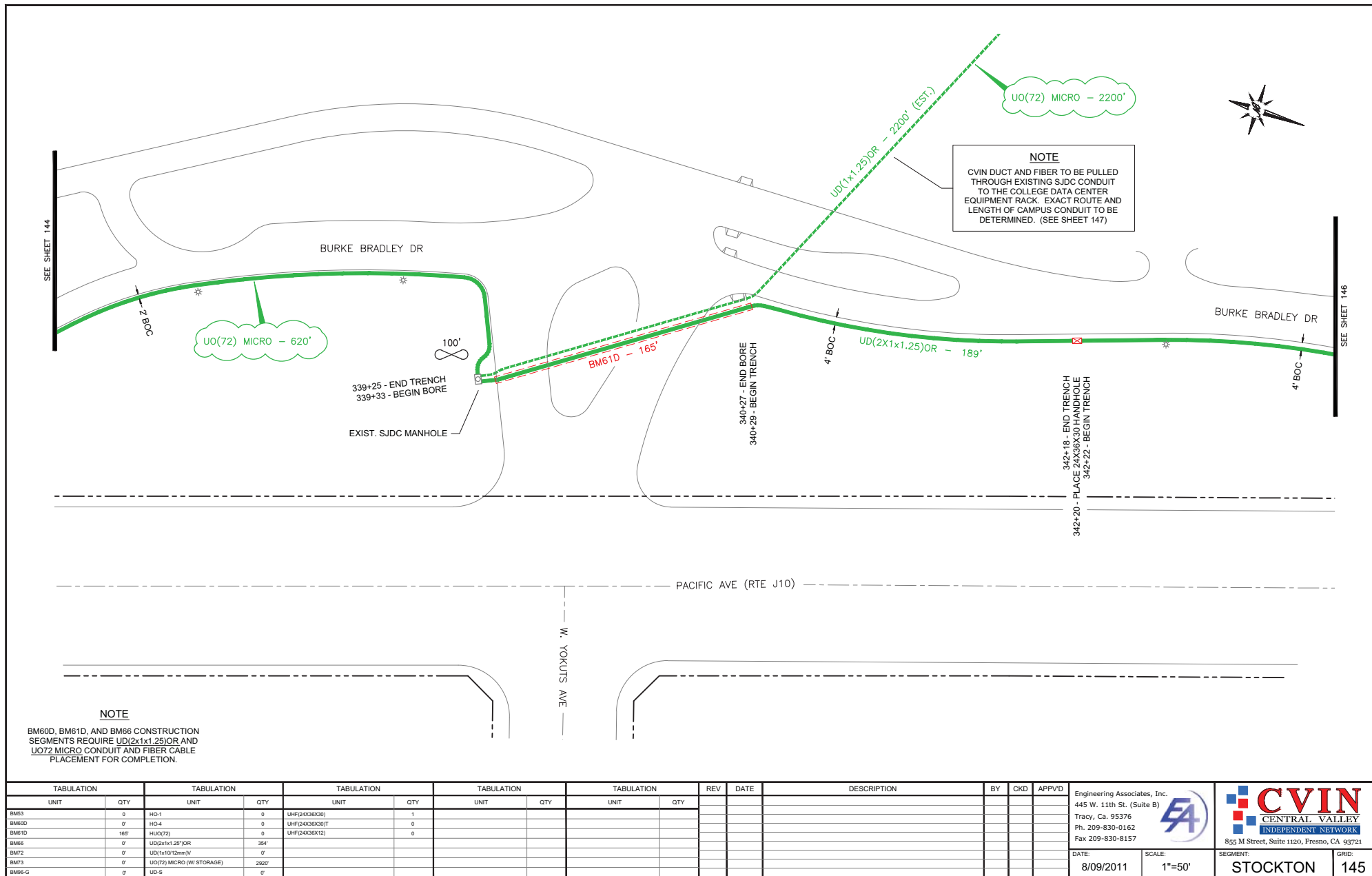
BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div>	<div></div>	<div> CENTRAL VALLEY INDEPENDENT NEWS 855 M Street, Suite 1120, Fresno, CA 93721</div>
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY									
BM63	0	HO-1	0	UHF(24X38X30)	1													
BM60D	0'	HO-4	0	UHF(24X38X30)T	0													
BM61D	843'	HU(72)	0	UHF(24X38X12)	0													
BM66	0'	UD(2x1x1.25)OR	843'															
BM72	0'	UD(1x10'12mm)U	0'															
BM73	0'	UD(72) MICRO (W/ STORAGE)	910'															
BM66-G	0'	UD-S	0'															
											DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:	STOCKTON	GRID:	142






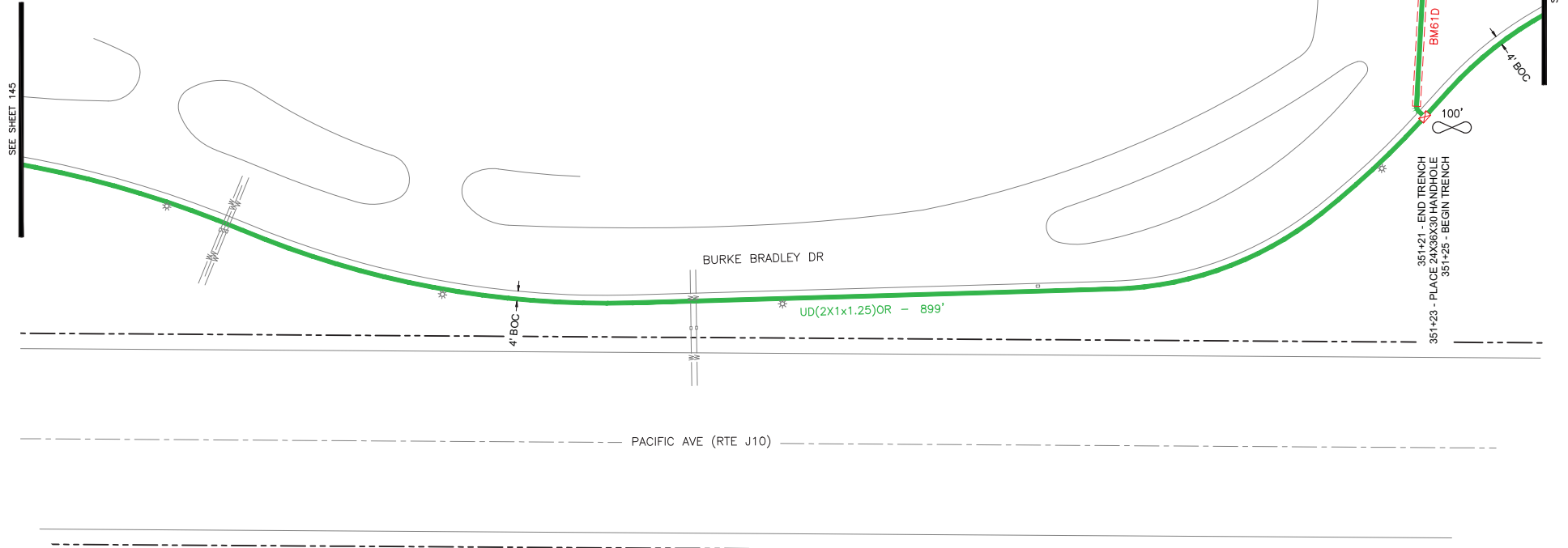
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APP'VD			
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY									
BM63	0	HO-1	0	UHF(24X36X30)	1													
BM60Q	0	HO-4	0	UHF(24X36X30)/T	0													
BM61D	0	HUO(72)	0	UHF(24X36X12)	0													
BM66	0	UD(2x1x1 25"JR)	1419'															
BM72	0	UD(1x1912mm/J)	0'															
BM73	0	UD(72) MICRO (W/ STORAGE)	805'															
BM95-G	0'	UD-S	0'															
											DATE:	8/9/2011	SCALE:	1"=50'	SEGMENT:	STOCKTON	GRID:	144





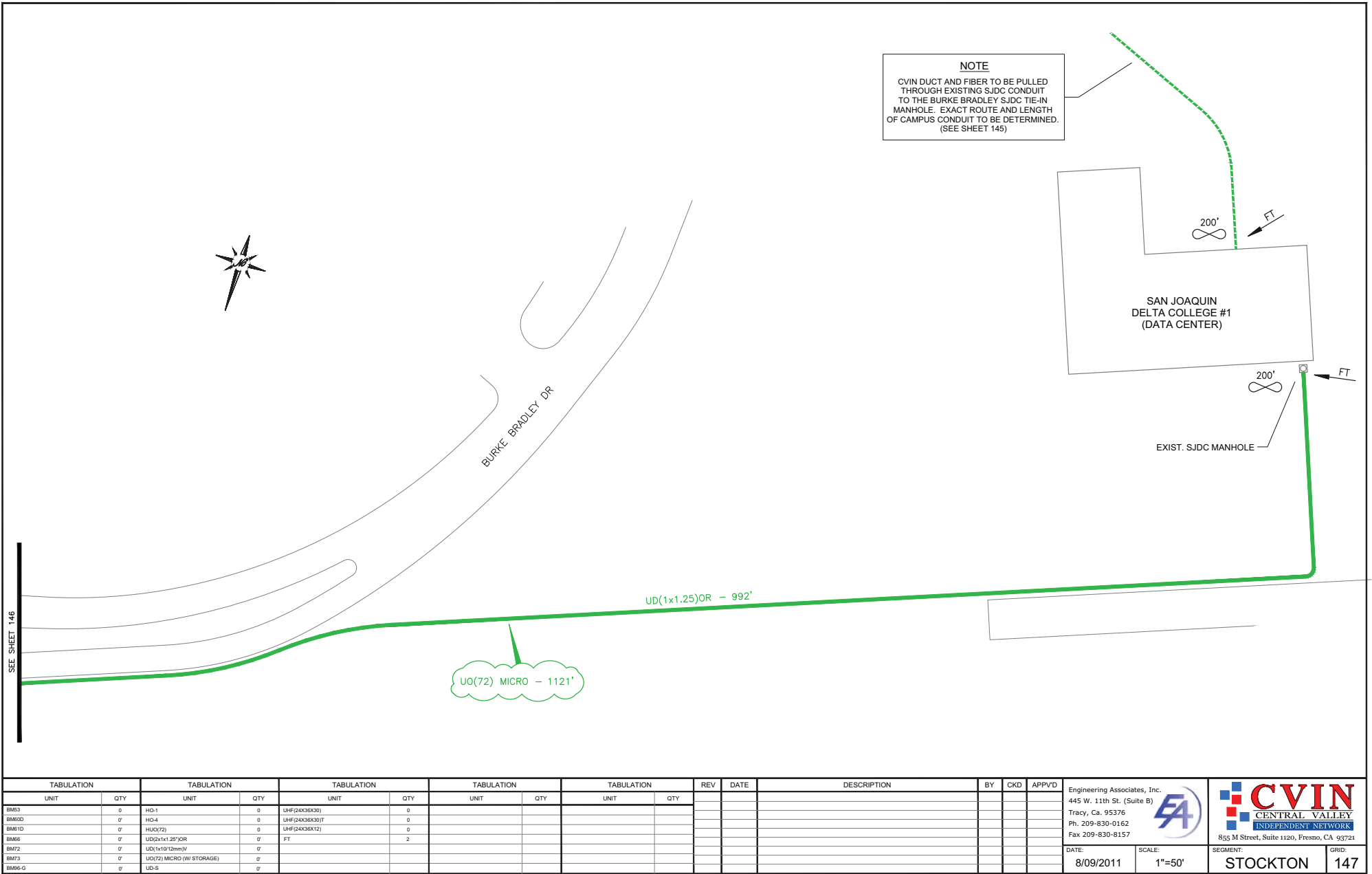
NOTE  
BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UD(2X1x1.25)OR AND  
UO(72) MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.


TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157		SEGMENT: STOCKTON	GRID: 145
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY										
BM63	0	HO-1	0	UHF(24X36X30)	1														
BM60D	0'	HO-4	0	UHF(24X36X30)T	0														
BM61D	165'	HUO(72)	0	UHF(24X36X12)	0														
BM66	0'	UD(2x1x1.25)OR	354'																
BM72	0'	UD(1x10'12mm)U	0'																
BM73	0'	UO(72) MICRO (W/ STORAGE)	2502'																
BM66-G	0'	UD-S	0'																

DATE:	8/09/2011	SCALE:	1"=50'
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TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157			DATE:	SCALE:	SEGMENT:	GRID:
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY													
BM03	0	HO-1	0	UHF(24X36X30)	1																	
BM000	0'	HO-4	0	UHF(24X36X30)T	0																	
BM610	124'	HUO(72)	0	UHF(24X36X12)	0																	
BM66	0'	UD(2x1x1.25)OR	1023'																			
BM72	0'	UD(1x10'12mm)U	0'																			
BM73	0'	UD(72) MICRO (W STORAGE)	100'																			
BM66-G	0'	UD-S	0'																			
																8/09/2011	1"=50'	STOCKTON	146			




TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div>8/09/2011</div>	<div> CENTRAL VALLEY INDUSTRIAL VIEWERS 855 M Street, Suite 1120, Fresno, CA 93721</div> <div>1"=50'</div>	SEGMENT: STOCKTON	GRID: 147
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY										
BM03	0	HO-1	0	UHF(24X36X30)	0														
BM000	0'	HO-4	0	UHF(24X36X30)T	0														
BM010	0'	HUO(72)	0	UHF(24X36X12)	0														
BM06	0'	UD(2x1x1.25)OR	0'	FT	2														
BM72	0'	UD(1x10'12mm)U	0'																
BM73	0'	UD(72) MICRO (W/ STORAGE)	0'																
BM06-G	0'	UD-S	0'																


BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UD(2x1x1.25)OR AND  
UO72 MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	LHF(24X30X3)	0										
BM60D	0	HO-4	0	LHF(24X30X30T)	0										
BM61D	669F	HUO(72)	0	LHF(24X30X12)	0										
BM66	0	UO2x1x1.25"OR	816F												
BM72	0	UO2(1x10 12mm)IV	0												
BM73	0	UO2(72) MICRO (W STORAGE)	521F												
BM66-G	0	UO-S	0												

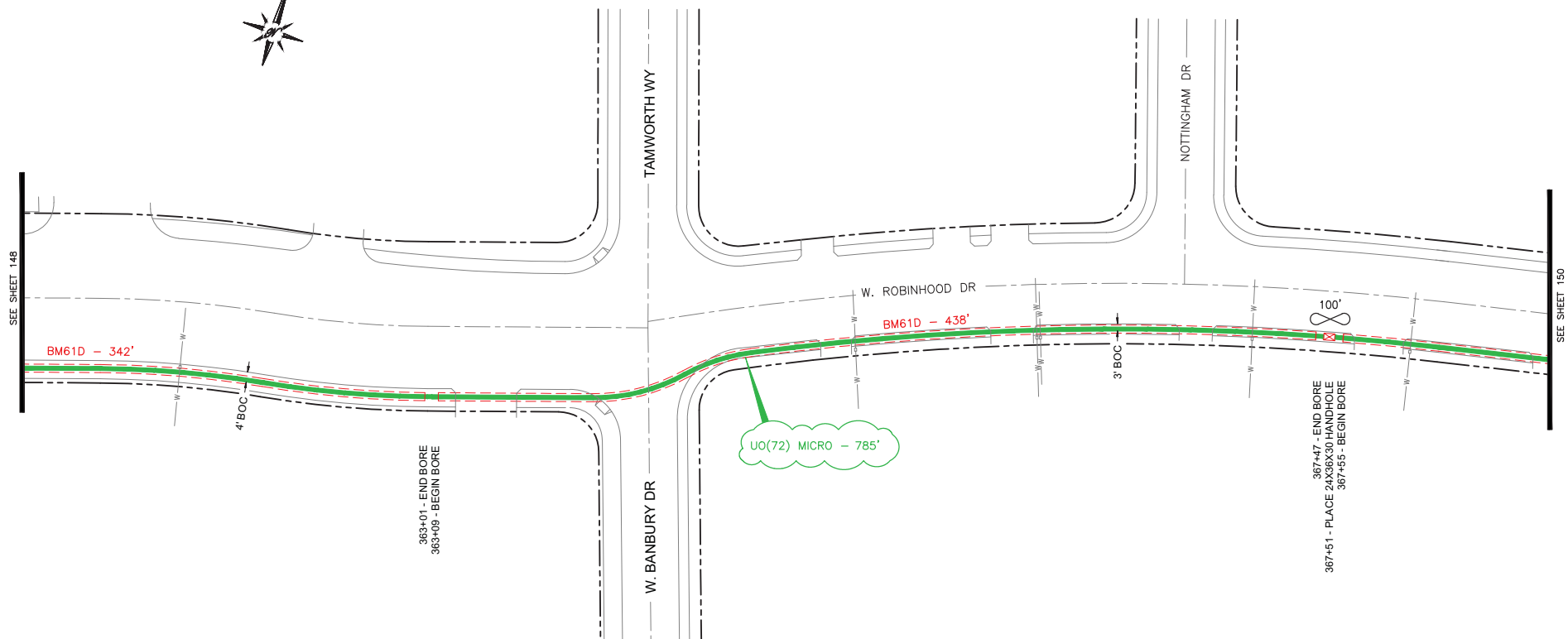
Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
Tracy, Ca. 95376  
Ph. 209-830-0162  
Fax 209-830-8157







855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011  
SCALE: 1"=50'  
SEGMENT: STOCKTON  
GRID: 148

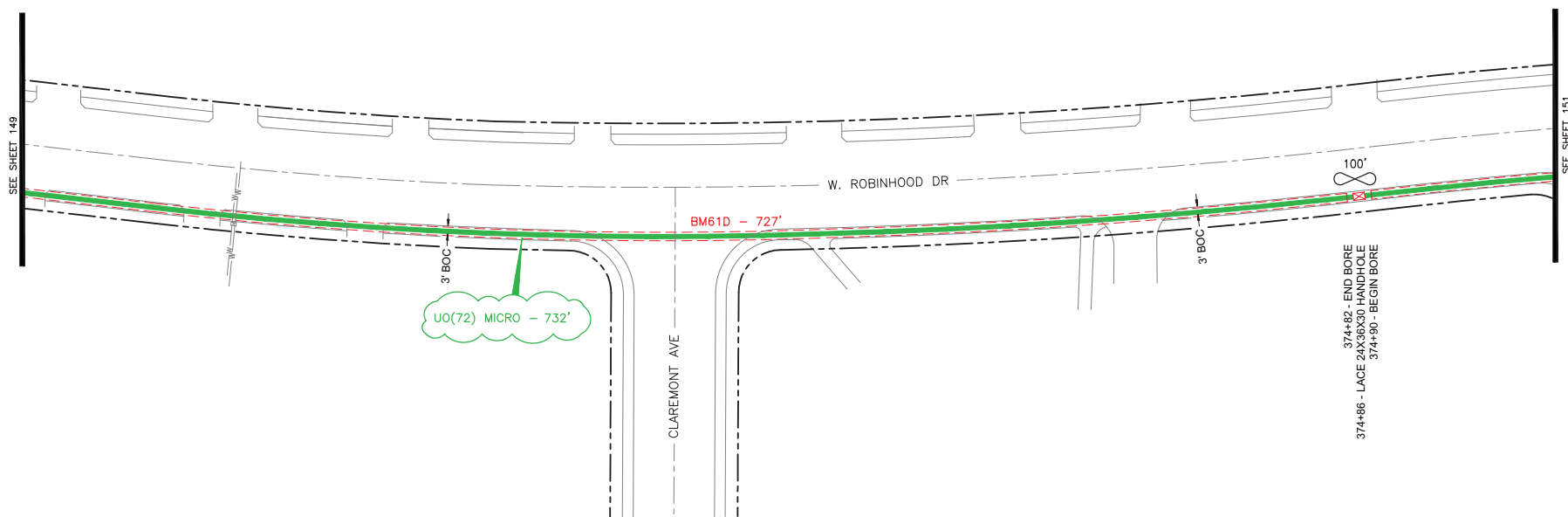


**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO(72) MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div>	<div></div>	<div> CENTRAL VALLEY INDEPENDENT NETWORK</div>	<div>865 M Street, Suite 1120, Fresno, CA 93721</div>
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY										
BM63	0	HO-1	0	UHF(24X36X30)	1														
BM60D	0	HO-4	0	UHF(24X36X30)T	0														
BM61D	780'	HUO(72)	0	UHF(24X36X12)	0														
BM66	0	UD(2x1x1.25)OR	780'																
BM72	0	UD(1x10'12mm)U	0																
BM73	0	UD(72) MICRO (W/ STORAGE)	880'																
BM66-G	0	UD-S	0																
											DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:				





**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157			DATE:	SCALE:	SEGMENT:	GRID:
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY													
BM63	0	HO-1	0	UHF(24X36X30)	1																	
BM60D	0'	HO-4	0	UHF(24X36X30)T	0																	
BM61D	727'	HUO(72)	0	UHF(24X36X12)	0																	
BM66	0'	UO(2x1x1.25)OR	727'																			
BM72	0'	UO(1x10'12mm)U	0'																			
BM73	0'	UO(72) MICRO (W/ STORAGE)	832'																			
BM66-G	0'	UO-S	0'																			

8/09/2011

1"=50'

STOCKTON

150



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1												
BM60D	0	HO-4	0	UHF(24X36X30)T	0												
BM61D	796'	HUO(72)	0	UHF(24X36X12)	0												
BM66	0	UO(2x1x1.25)OR	796'														
BM72	0	UO(1x10'12mm)U	0														
BM73	0	UO(72) MICRO (W/ STORAGE)	901'														
BM66-G	0	UD-S	0														

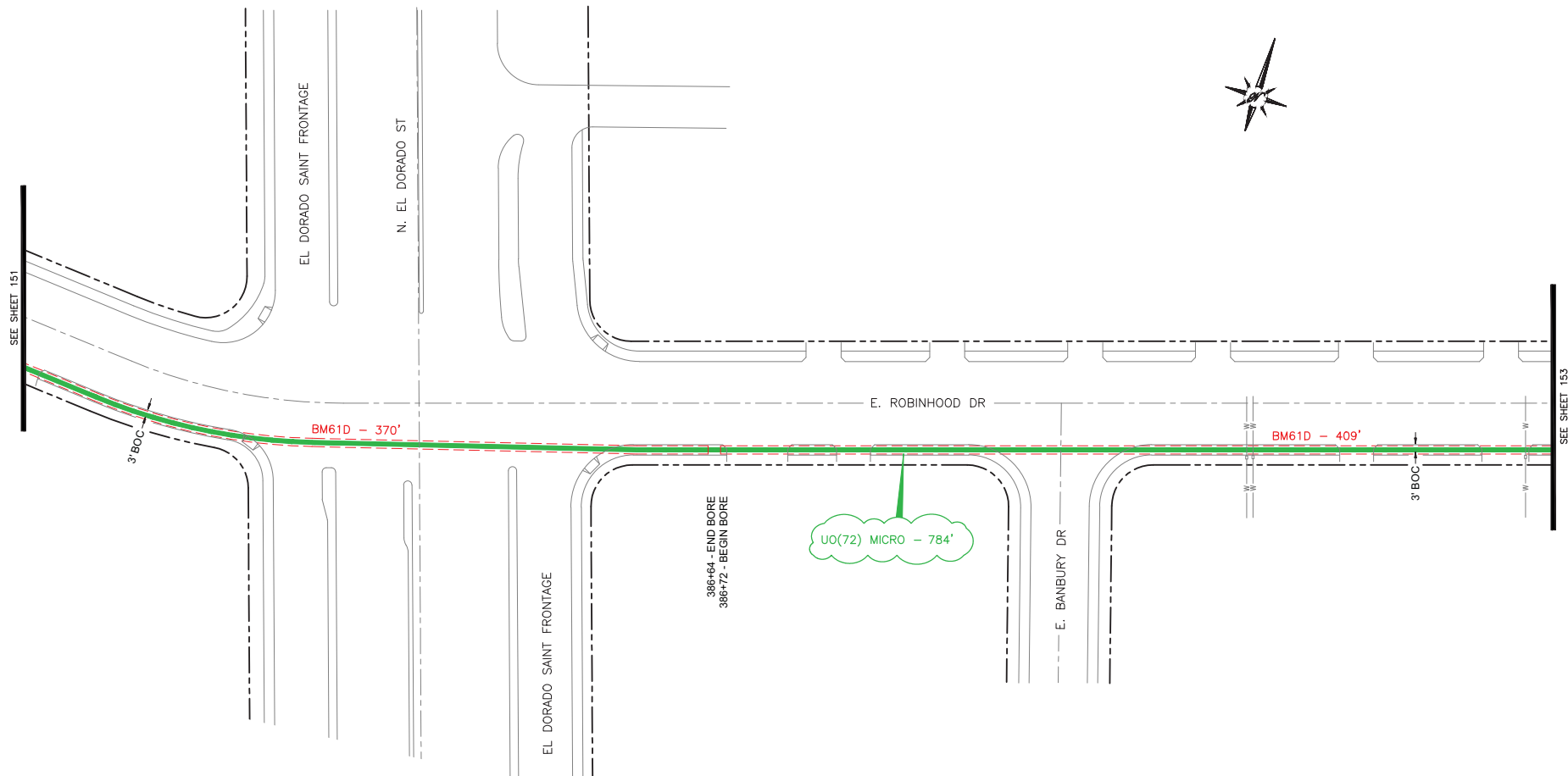
Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
Tracy, Ca. 95376  
Ph. 209-830-0162  
Fax 209-830-8157

**EA**

**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK



855 M Street, Suite 1120, Fresno, CA 93721

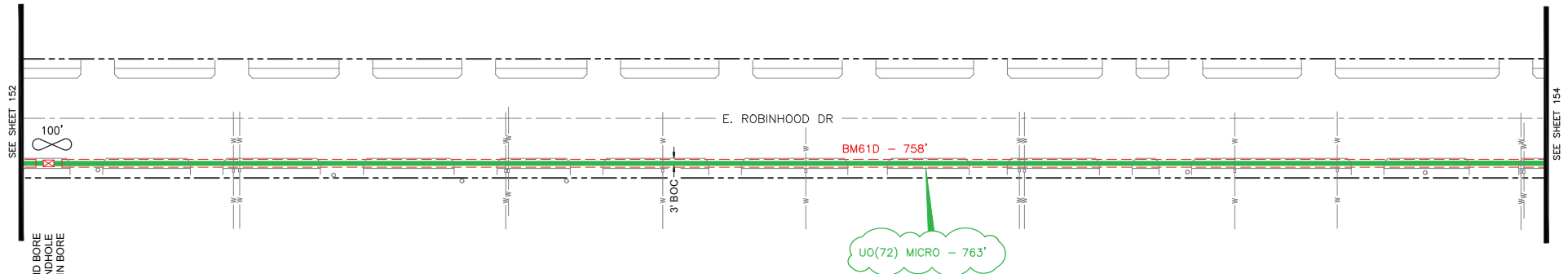
DATE: 8/09/2011 SCALE: 1"=50' SEGMENT: STOCKTON GRID: 151



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div><div><div><b>CVIN</b> CENTRAL VALLEY INDEPENDENT NETWORK</div></div><div>865 M Street, Suite 1120, Fresno, CA 93721</div></div>		
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY									
BM63	0	HO-1	0	UHF(24X36X30)	0													
BM60D	0	HO-4	0	UHF(24X36X30)T	0													
BM61D	779'	HUC(72)	0	UHF(24X36X12)	0													
BM66	0	UO(2x1x1.25)OR	779'															
BM72	0	UO(1x10'12mm)U	0															
BM73	0	UO(72) MICRO (W/ STORAGE)	784'															
BM66-G	0	UO-S	0															
											DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:		STOCKTON	GRID:



390+81 - END BORE  
390+85 - PLACE 24X36X30 HANDHOLE  
390+89 - BEGIN BORE

**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO(72) MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div>	<div></div>	<div> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div>					
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY														
BM63	0	HO-1	0	UHF(24X36X30)	1																		
BM60D	0	HO-4	0	UHF(24X36X30)T	0																		
BM61D	758'	HUO(72)	0	UHF(24X36X12)	0																		
BM66	0	UO2x1x1.25"OR	758'																				
BM72	0	UD(1x10'12mm)U	0																				
BM73	0	UO(72) MICRO (W STORAGE)	863'																				
BM66-G	0	UD-S	0																				
																			DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:





SEE SHEET 154

3' BOC

RIDGEWAY AVE

E. LANCASTER DR

UO(72) MICRO - 776'

BM61D - 771'

SEE SHEET 156

CAMANACHE LN  
7' BOC

414+25 - BEGIN TRENCH  
414+23 - PLACE 24X36X30 HANDHOLE  
414+19 - END BORE

100'

NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UD(2x1x1.25)OR AND  
UO72 MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	771'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0'	UD(2x1x1.25)OR	771'												
BM72	0'	UD(1x10'12mm)U	0'												
BM73	0'	UO(72) MICRO (W/ STORAGE)	876'												
BM66-G	0'	UD-S	0'												



Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
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Fax 209-830-8157

8/09/2011

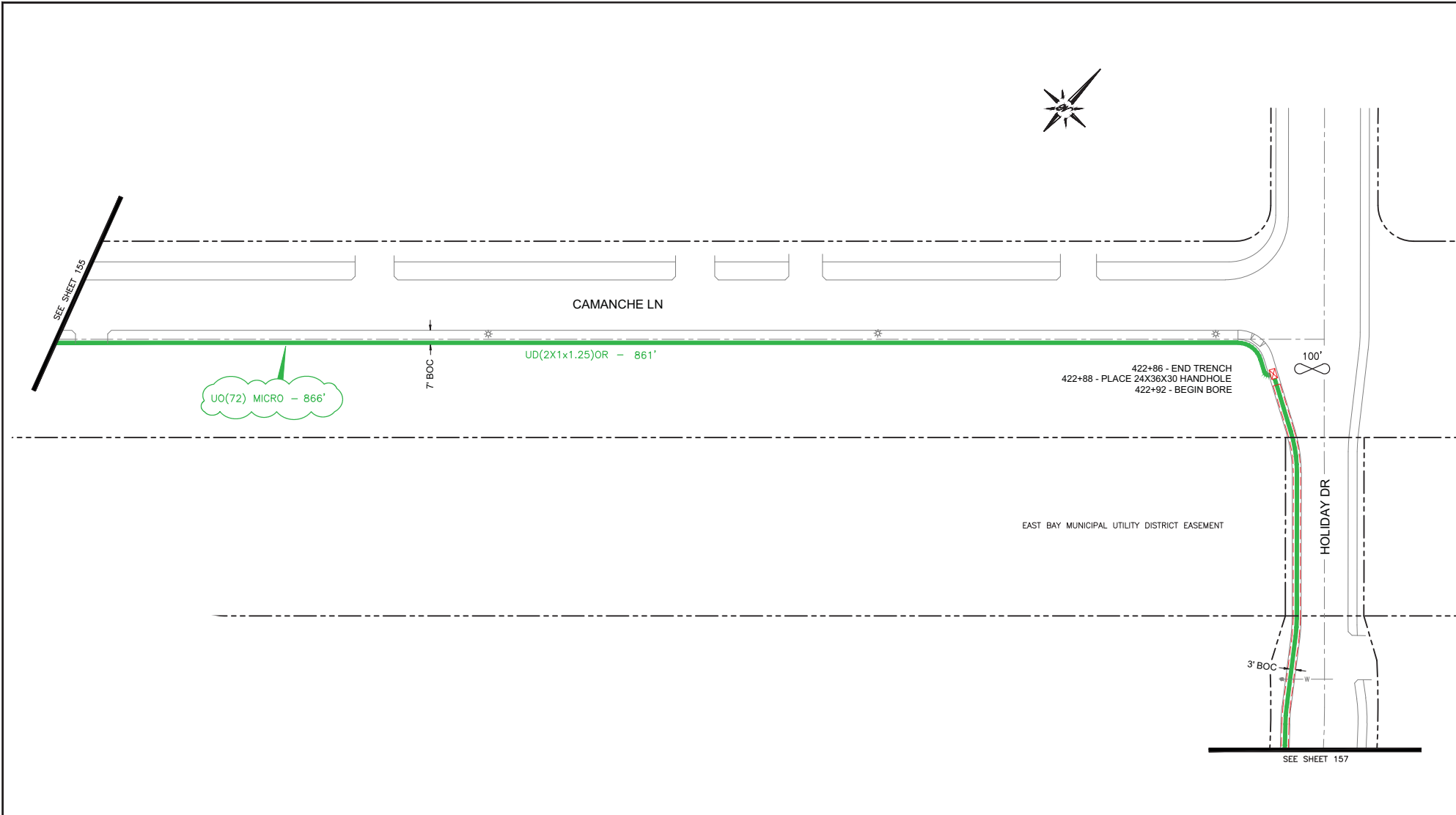
SCALE: 1"=50'



SEGMENT: STOCKTON

GRID: 155



CENTRAL VALLEY  
INDEPENDENT NETWORK



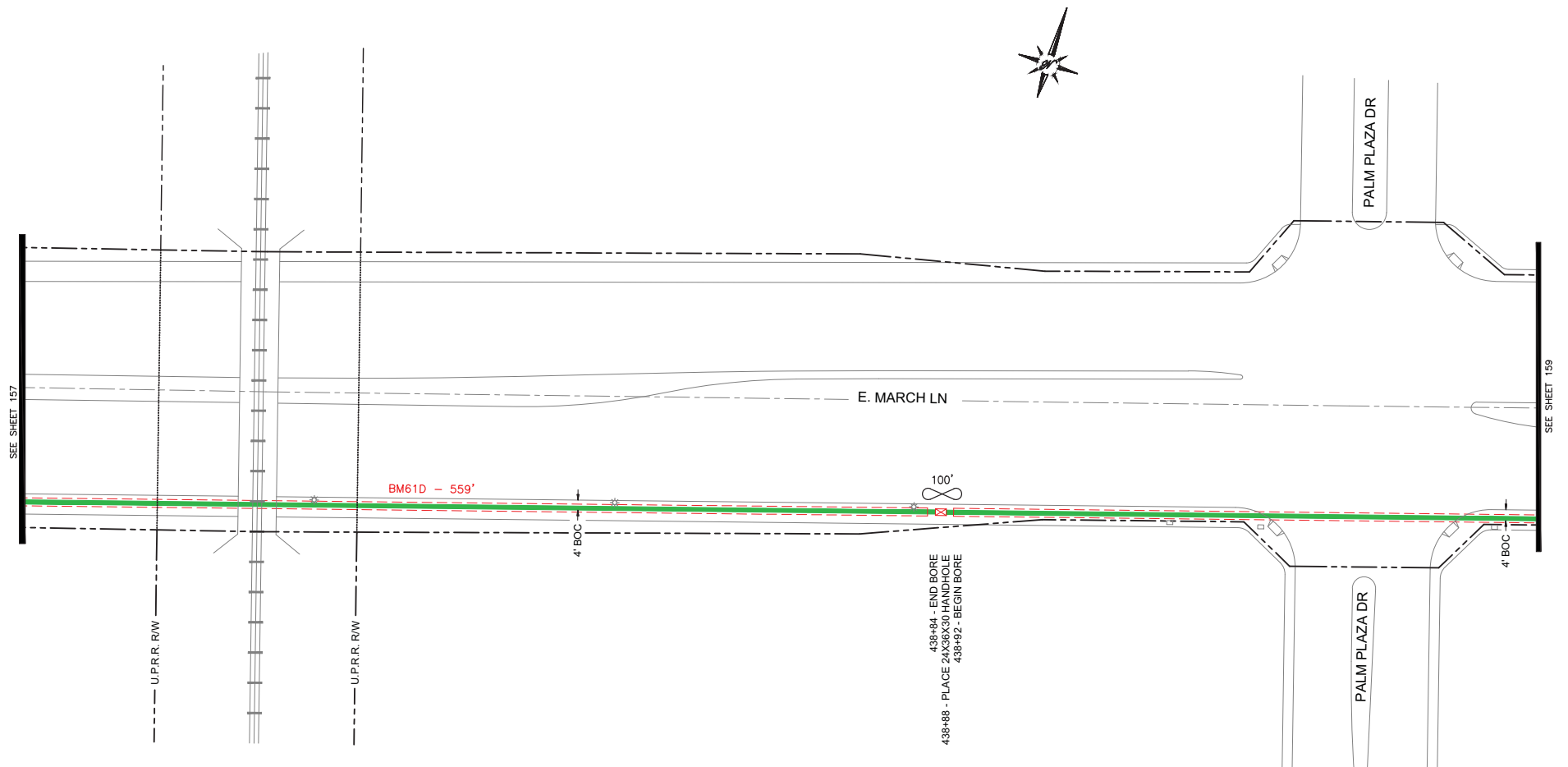
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157		 CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721	SEGMENT: STOCKTON	GRID: 156
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY											
BM03	0	HO-1	0	UHF(24X36X30)	1															
BM000	0	HO-4	0	UHF(24X36X30)T	0															
BM010	0	HUO(72)	0	UHF(24X36X12)	0															
BM06	0	UD(2x1x1.25)OR	861																	
BM72	0	UD(1x10'12mm)W	0																	
BM73	0	UO(72) MICRO (W STORAGE)	966																	
BM06-G	0	UD-S	0																	

DATE:  
8/09/2011

SCALE:  
1"=50'







**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

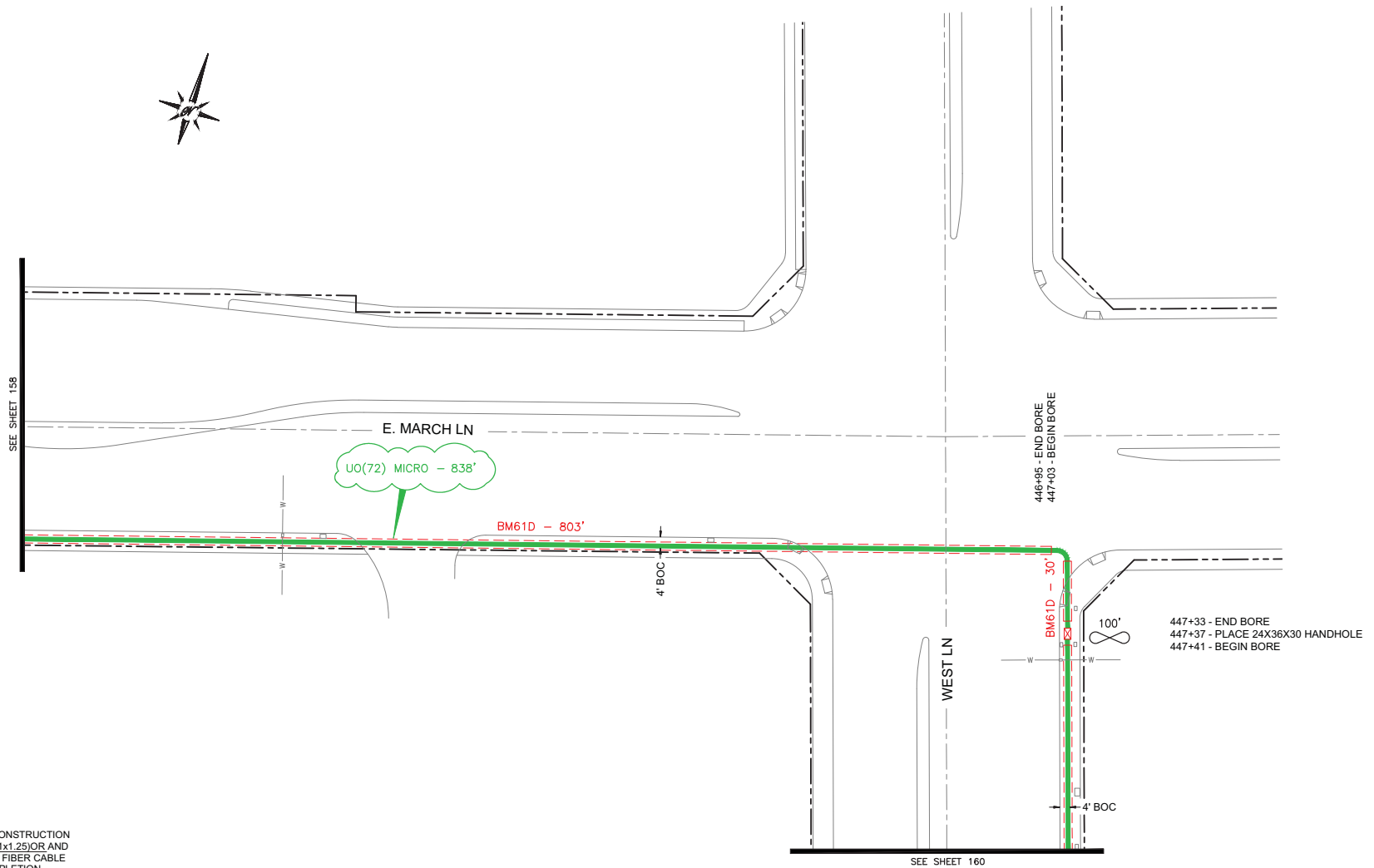
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	559'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0'	UD(2x1x1.25)OR	559'												
BM72	0'	UD(1x10'12mm)U	0'												
BM73	0'	UO(72) MICRO (W/ STORAGE)	100'												
BM66-G	0'	UD-S	0'												

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**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK



855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011	SCALE: 1"=50'	SEGMENT: STOCKTON	GRID: 158
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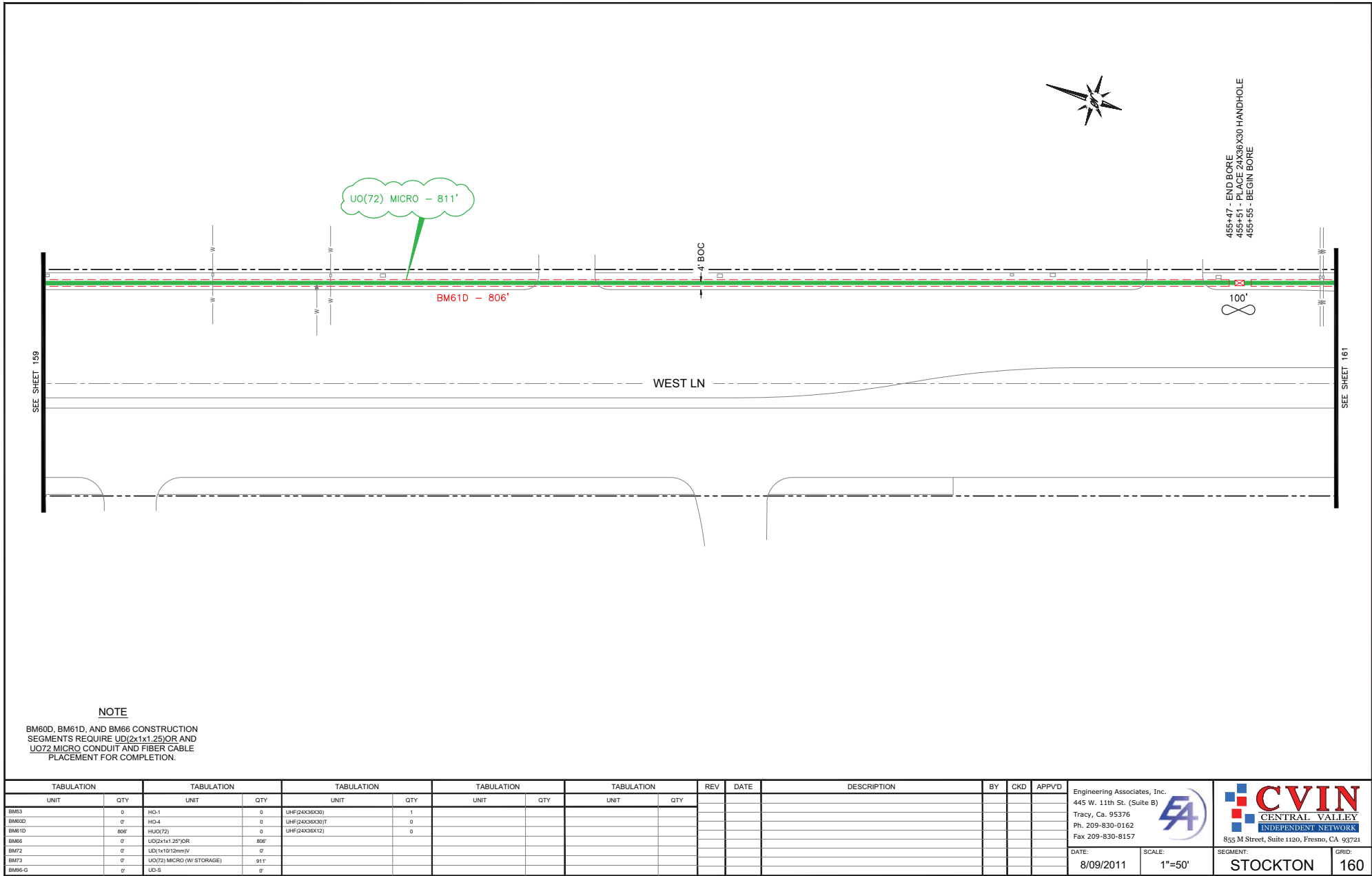


**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157			DATE:	SCALE:	SEGMENT:	GRID:
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY													
BM63	0	HO-1	0	UHF(24X36X30)	1																	
BM60D	0'	HO-4	0	UHF(24X36X30)T	0																	
BM61D	833'	HO(72)	0	UHF(24X36X12)	0																	
BM66	0'	UD(2x1x1.25)OR	833'																			
BM72	0'	UD(1x10'12mm)U	0'																			
BM73	0'	UO(72) MICRO (W/ STORAGE)	938'																			
BM66-G	0'	UD-S	0'																			

8/09/20111"=50'STOCKTON159



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	806'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0'	UD(2x1x1.25)OR	806'												
BM72	0'	UD(1x10'12mm)U	0'												
BM73	0'	UO(72) MICRO (W/ STORAGE)	811'												
BM66-G	0'	UD-S	0'												

Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
Tracy, Ca. 95376  
Ph. 209-830-0162  
Fax 209-830-8157



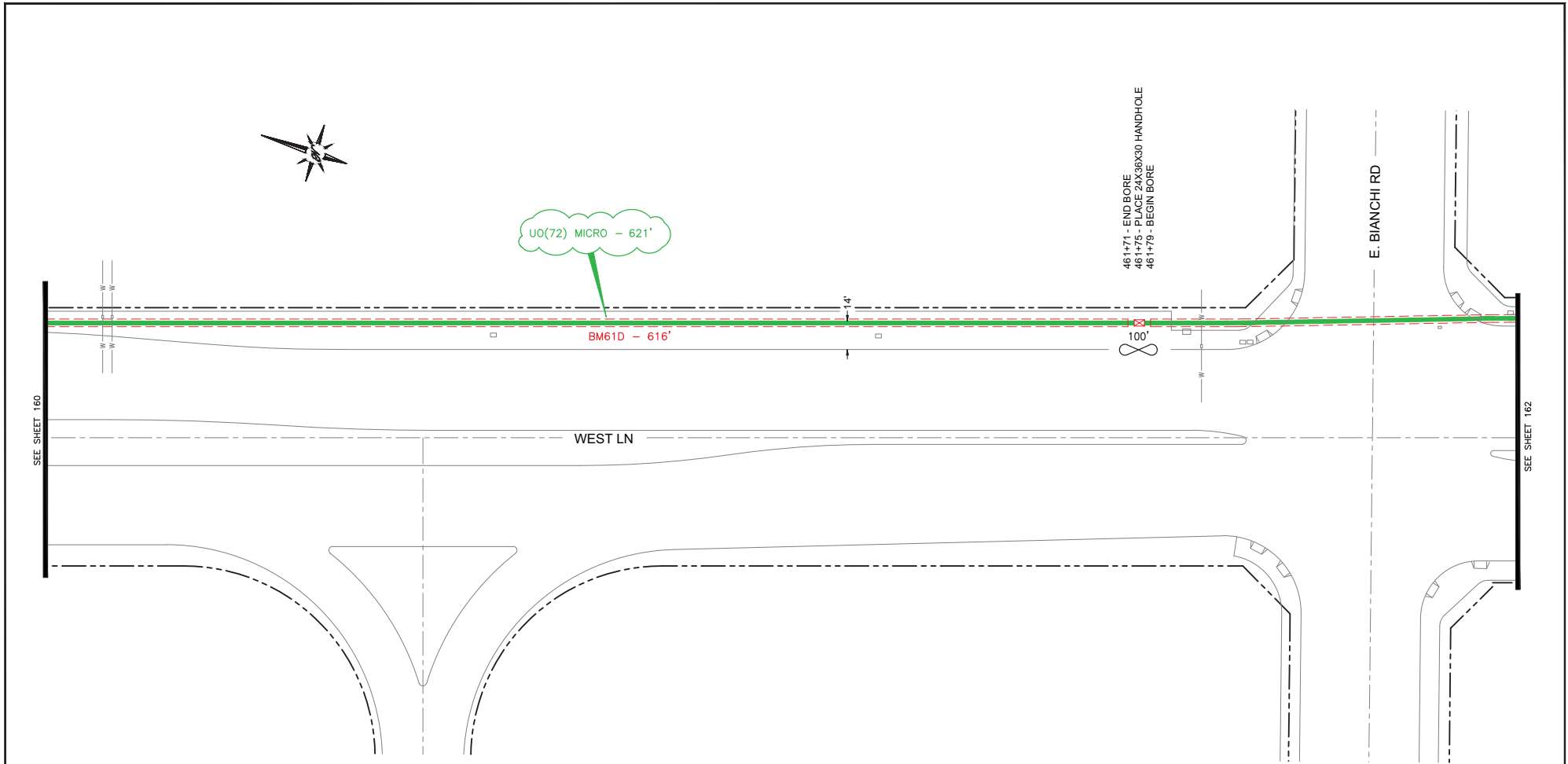
  
CENTRAL VALLEY  
INDEPENDENT NETWORK

DATE: 8/09/2011

SCALE: 1"=50'

SEGMENT: STOCKTON

GRID: 160



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1												
BM60D	0'	HO-4	0	UHF(24X36X30)T	0												
BM61D	616'	HUO(72)	0	UHF(24X36X12)	0												
BM66	0'	UD(2x1x1.25)OR	616'														
BM72	0'	UD(1x10'12mm)W	0'														
BM73	0'	UO(72) MICRO (W STORAGE)	721'														
BM66-G	0'	UD-S	0'														

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**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK

855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011

SCALE: 1"=50'

SEGMENT: STOCKTON

GRID: 161



UO(72) MICRO - 792'

BM61D - 787'

469+66 - END BORE  
469+70 - PLACE 24X36X30 HANDHOLE  
469+74 - BEGIN BORE

TORTUGA WY



WEST LN

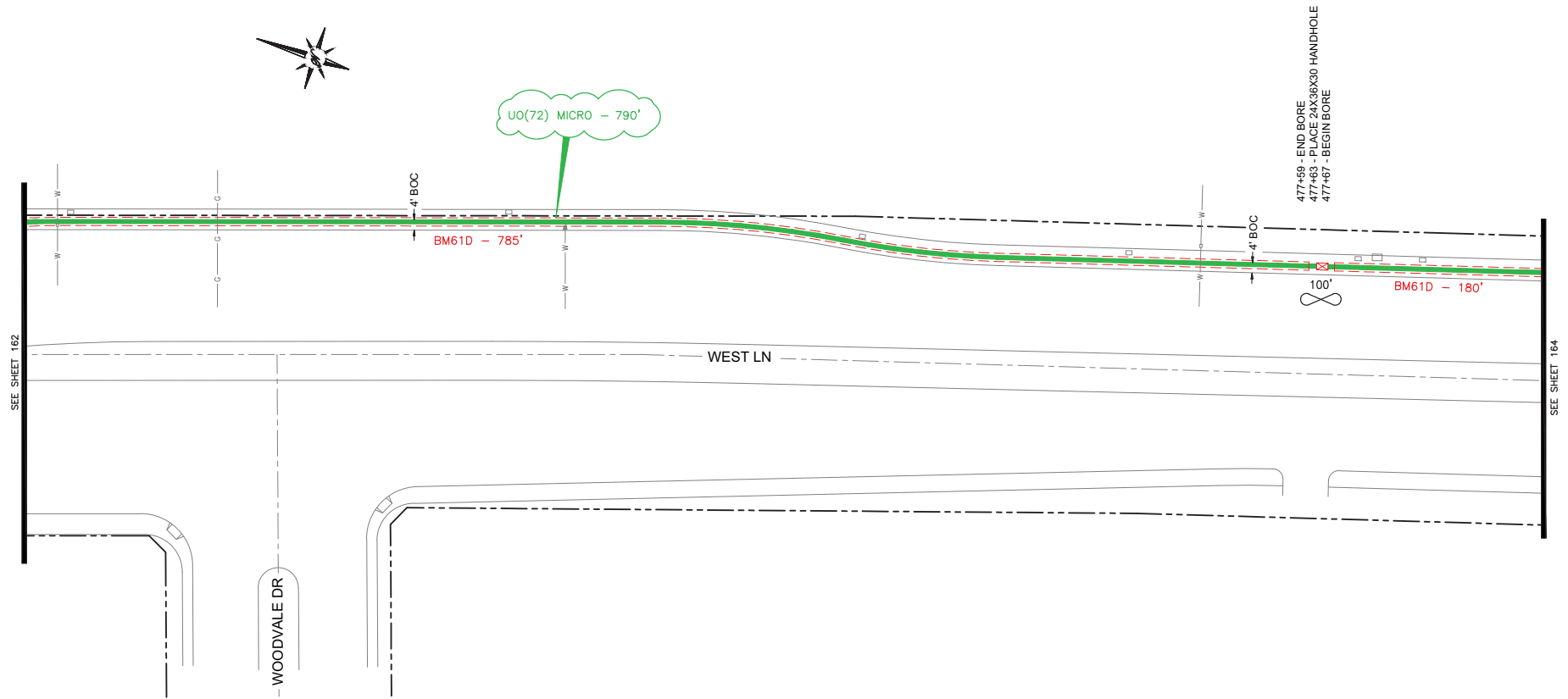
SEE SHEET 161

SEE SHEET 163

NOTE


BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UO(2x1x1.25)OR AND  
UO72 MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.

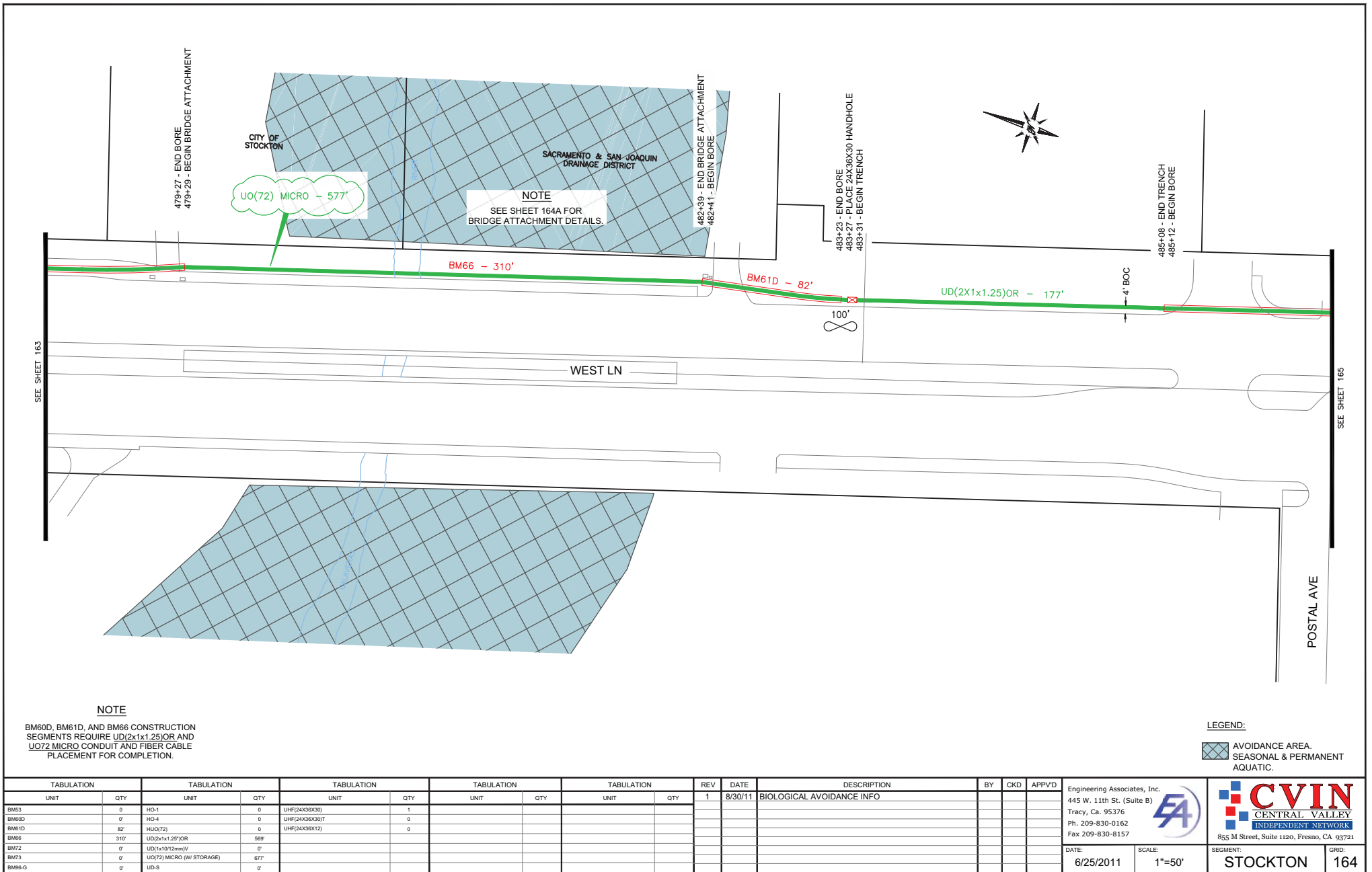
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APP'VD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157		 CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721	SEGMENT: STOCKTON	GRID: 162
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY											
BM63	0	HO-1	0	UHF(24X36X30)	1															
BM60D	0	HO-4	0	UHF(24X36X30)T	0															
BM61D	787	HUO(72)	0	UHF(24X36X12)	0															
BM66	0	UO(2x1x1.25)OR	787																	
BM72	0	UO(1x10'12mm)U	0																	
BM73	0	UO(72) MICRO (W/ STORAGE)	852																	
BM66-G	0	UO-S	0																	
																DATE: 8/09/2011	SCALE: 1"=50'			

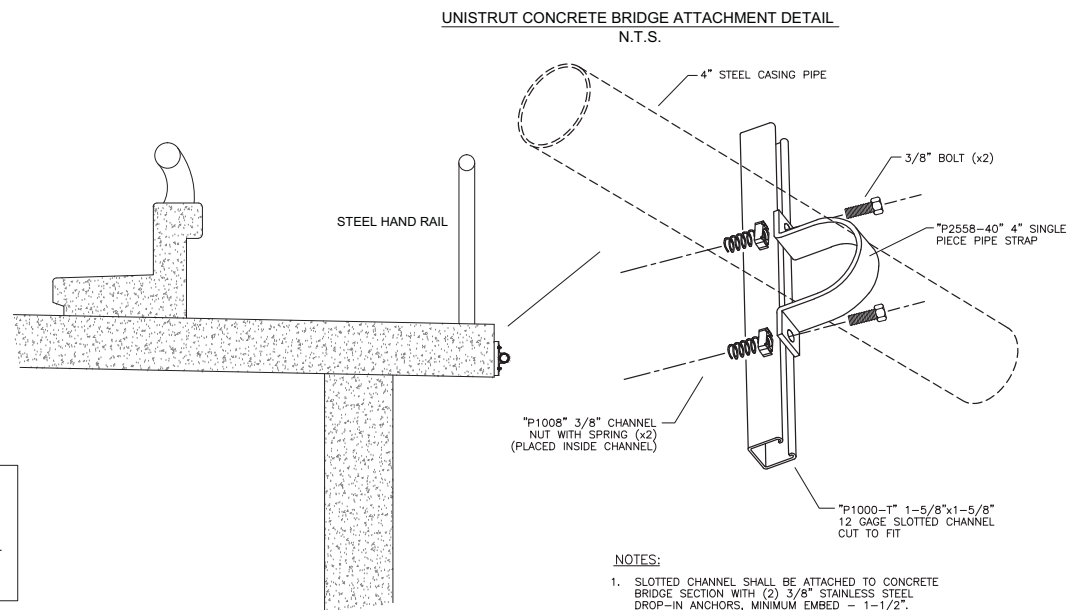
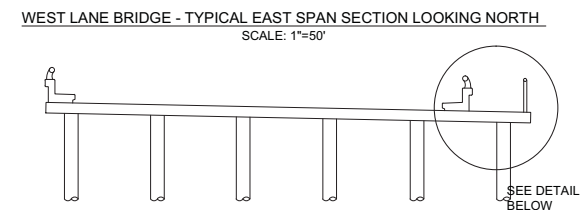


NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UO(2x1x1.25)OR AND  
UO72 MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div>DATE: 8/09/2011</div> <div>SCALE: 1"=50'</div> <div>SEGMENT: STOCKTON</div> <div>GRID: 163</div>
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY							
BM63	0	HO-1	0	UHF(24X36X30)	1											<div> 855 M Street, Suite 1120, Fresno, CA 93721</div>
BM60D	0	HO-4	0	UHF(24X36X30)T	0											
BM61D	965'	HUO(72)	0	UHF(24X36X12)	0											
BM66	0	UO2x1x1.25"OR	965'													
BM72	0	UO(1x10'12mm)U	0													
BM73	0	UO(72) MICRO (W STORAGE)	965'													
BM66-G	0	UO-S	0													







- NOTES:
1. SLOTTED CHANNEL SHALL BE ATTACHED TO CONCRETE BRIDGE SECTION WITH (2) 3/8" STAINLESS STEEL DROP-IN ANCHORS, MINIMUM EMBED - 1-1/2".
  2. PIPE SUPPORT ASSEMBLY SPACING WILL BE NOTED ON EACH BRIDGE ATTACHMENT DETAIL SHEET.

## DESIGN WEIGHT & LOAD CALCULATIONS

MATERIAL	UNIT WEIGHT	QUANTITY	INSTALLED WEIGHT
4" (4.50" O.D.) STEEL PIPE	10.79 LBS./FT.	310	3344.9 LBS.
UNISTRUT SUPPORT ASSEMBLY	2.78 LBS. EA.	30	83.4 LBS.
4" STEEL EXPANSION JOINT	47.0 LBS. EA.	2	94.0 LBS.
1.25" HDPE CONDUIT	0.31 LBS./FT.	310	96.1 LBS.
1.25" HDPE 4-WAY CONDUIT WITH (4) MICRODUCTS & TRACER WIRE	0.45 LBS./FT.	310	139.5 LBS.
72-CT. FIBER OPTIC CABLE	0.17 LBS./FT.	310	52.7 LBS.
TOTAL INSTALLED WEIGHT:			3810.6 LBS.

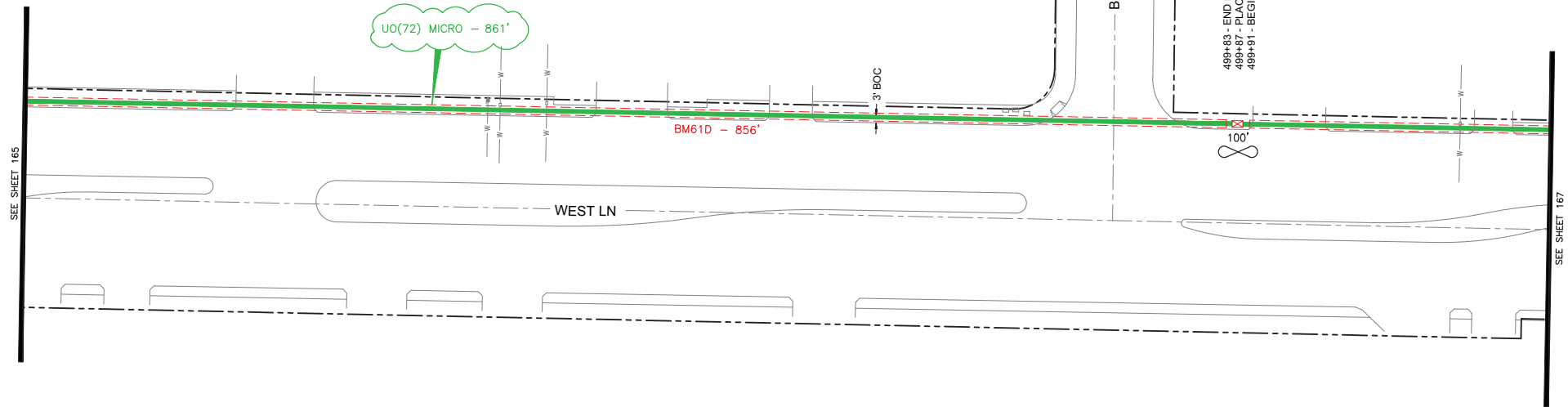
INSTALLED WEIGHT: 3810.6 LBS.  
 \* LOAD BEARING SUPPORTS: 30  
 UNIT SUPPORT LOAD: 127.0 LBS.  
 CRITICAL PART LOAD RATING: 800 LBS.  
 (SUPPORT CHANNEL NUT)  
 WORKING LOAD FACTOR: 15.9%

\* SUPPORT SPACING: 10'-0"

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION			BY	CKD	APP'VD	
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY									
BM63	-	HO-1	-	UHF(24X30X30)	-							<div><div><div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div><div></div><div></div></div></div>						
BM600	-	HO-4	-	UHF(24X30X30T)	-													
BM51D	-	HUQ(72)	-	UHF(24X30X12)	-													
BM66	-	UDQ2x1x1.25"OR	-															
BM72	-	UDQ1x1x1.25mm/V	-															
BM73	-	UDQ72 MICRO (W/ STORAGE)	-															
BMPS-G	-	UD-S	-															
											DATE:	8/09/2011	SCALE:	AS SHOWN	SEGMENT:	STOCKTON	GRID:	164A









**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UD(2x1x1.25)OR AND  
UO72 MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	856'	UO(72)	0	UHF(24X36X12)	0										
BM66	0'	UD(2x1x1.25)OR	856'												
BM72	0'	UD(1x10'12mm)U	0'												
BM73	0'	UO(72) MICRO (W/ STORAGE)	961'												
BM66-G	0'	UD-S	0'												

Engineering Associates, Inc.  
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Fax 209-830-8157



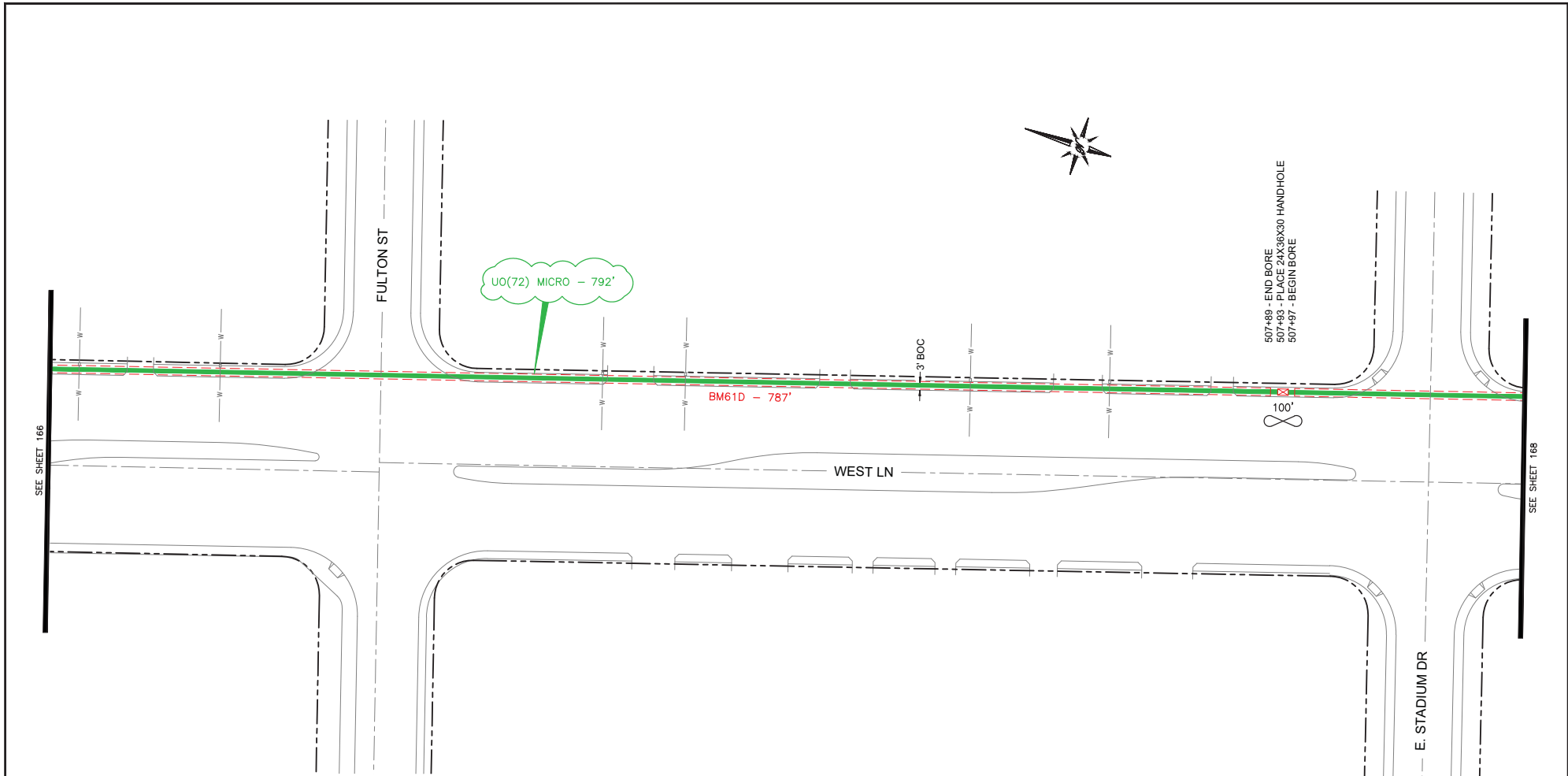
  
855 M Street, Suite 1120, Fresno, CA 93721

DATE:  
8/09/2011

SCALE:  
1"=50'


SEGMENT:  
STOCKTON

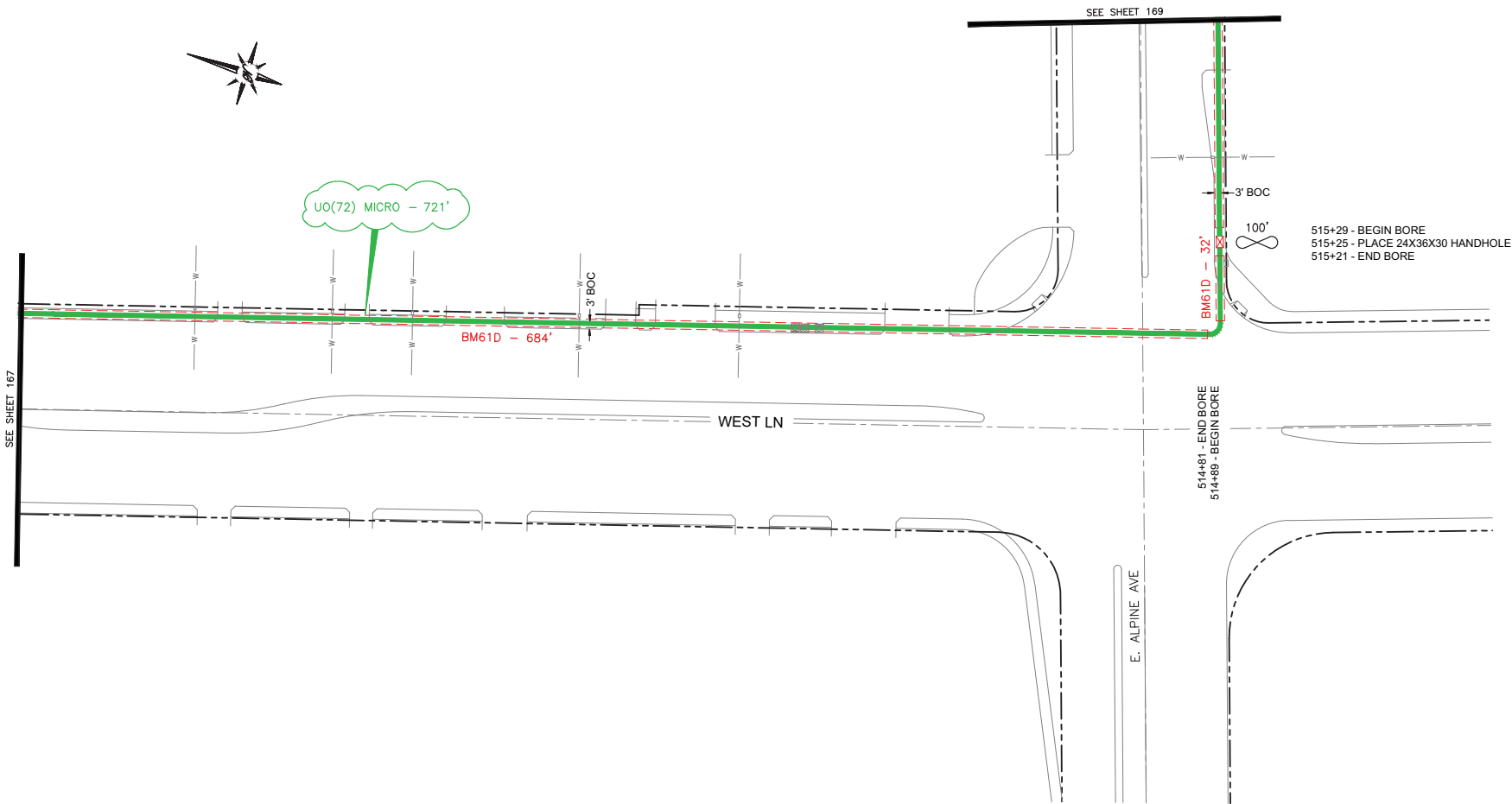
GRID:  
166



**NOTE**



BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO(72) MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div>	<div> CENTRAL VALLEY INDEPENDENT NETWORK</div>	<div>855 M Street, Suite 1120, Fresno, CA 93721</div>					
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY														
BM63	0	HO-1	1	UHF(24X36X30)	1																				
BM60D	0	HO-4	0	UHF(24X36X30)T	0																				
BM61D	787	HUQ(72)	1	UHF(24X36X12)	0																				
BM66	0	UD(2x1x1.25)OR	787																						
BM72	0	UD(1x10'12mm)U	0																						
BM73	0	UD(72) MICRO (W/ STORAGE)	892																						
BM66-G	0	UD-S	0																						
																					DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

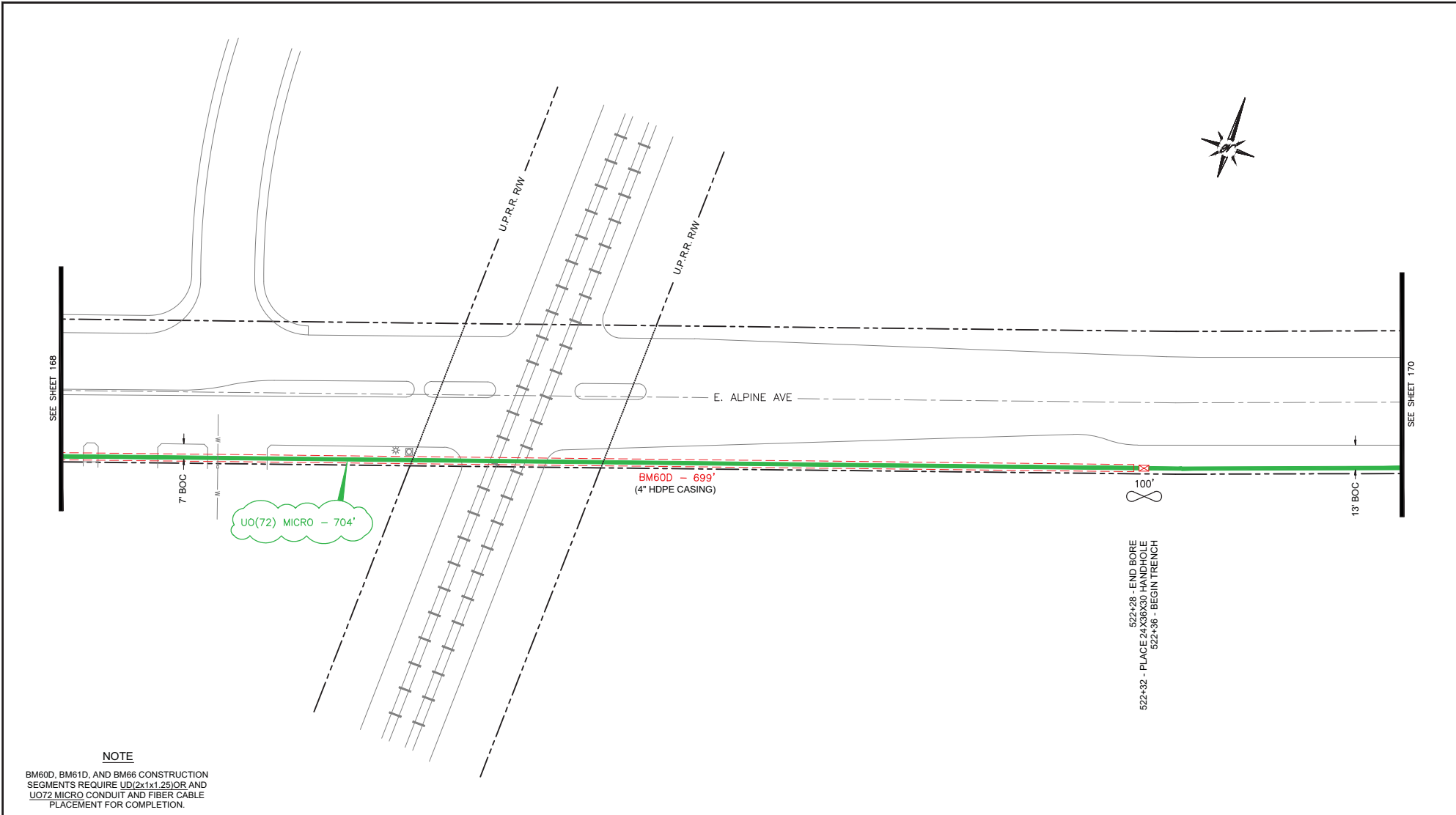
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157		<b>STOCKTON</b>	<b>168</b>
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY										
BM63	0	HO-1	0	UHF(24X36X30)	1														<b>CVIN</b> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721	<b>STOCKTON</b>	<b>168</b>
BM60D	0'	HO-4	0	UHF(24X36X30)T	0																
BM61D	716'	HUO(72)	0	UHF(24X36X12)	0																
BM66	0'	UD(2x1x1.25)OR	716'																		
BM72	0'	UD(1x10'12mm)U	0'																		
BM73	0'	UO(72) MICRO (W/ STORAGE)	821'																		
BM66-G	0'	UD-S	0'																		

DATE: 8/09/2011

SCALE: 1"=50'


SEGMENT: STOCKTON

GRID: 168



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157		<b>CVIN</b> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721	SEGMENT: <b>STOCKTON</b>	GRID: <b>169</b>
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY											
BM63	0	HO-1	0	UHF(24X36X30)	1															
BM60D	699'	HO-4	0	UHF(24X36X30)T	0															
BM61D	0'	HUO(72)	0	UHF(24X36X12)	0															
BM66	0'	UD(2x1x1.25)OR	699'																	
BM72	0'	UD(1x10'12mm)W	0'																	
BM73	0'	UO(72) MICRO (W STORAGE)	854'																	
BM66-G	0'	UD-S	0'																	

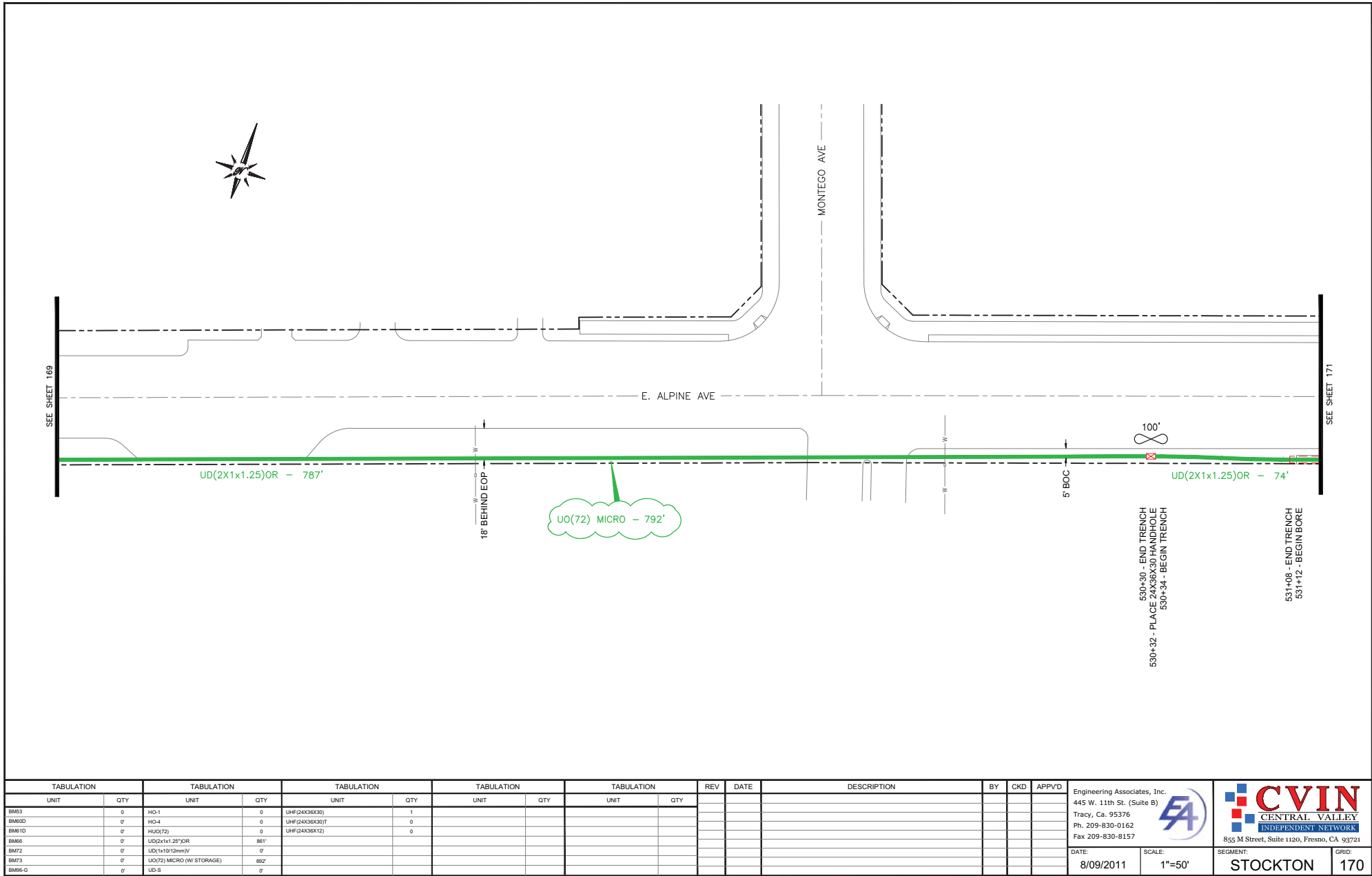
522+28 - END BORE  
522+32 - PLACE 24X36X30 HANDHOLE  
522+36 - BEGIN TRENCH

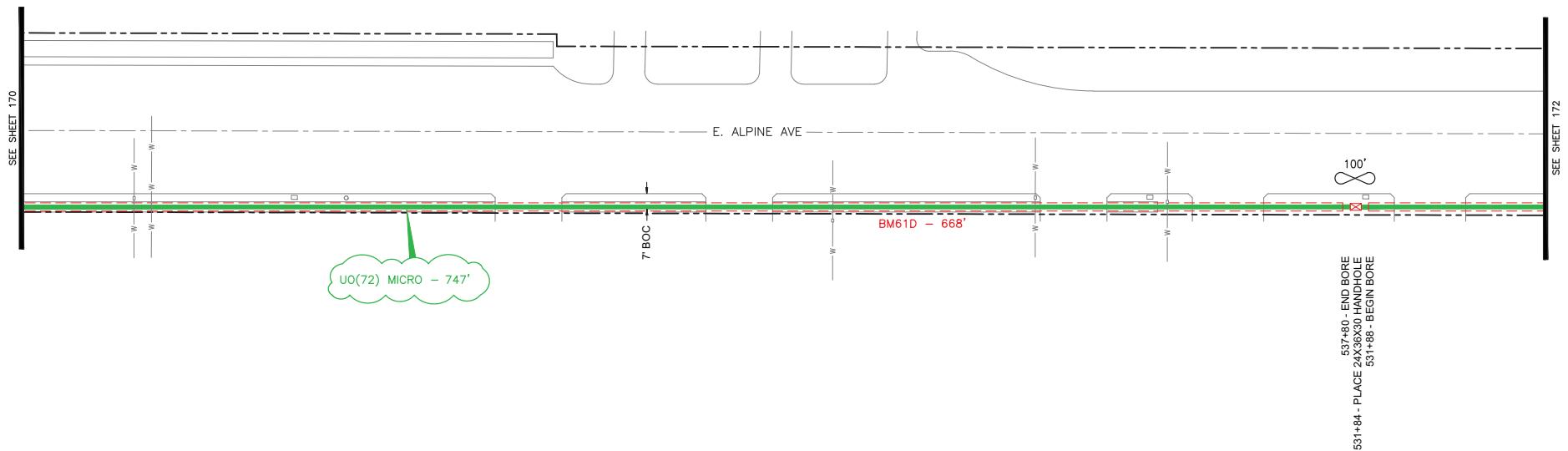
DATE:  
8/09/2011

SCALE:  
1"=50'

SEGMENT:  
STOCKTON



GRID:  
169

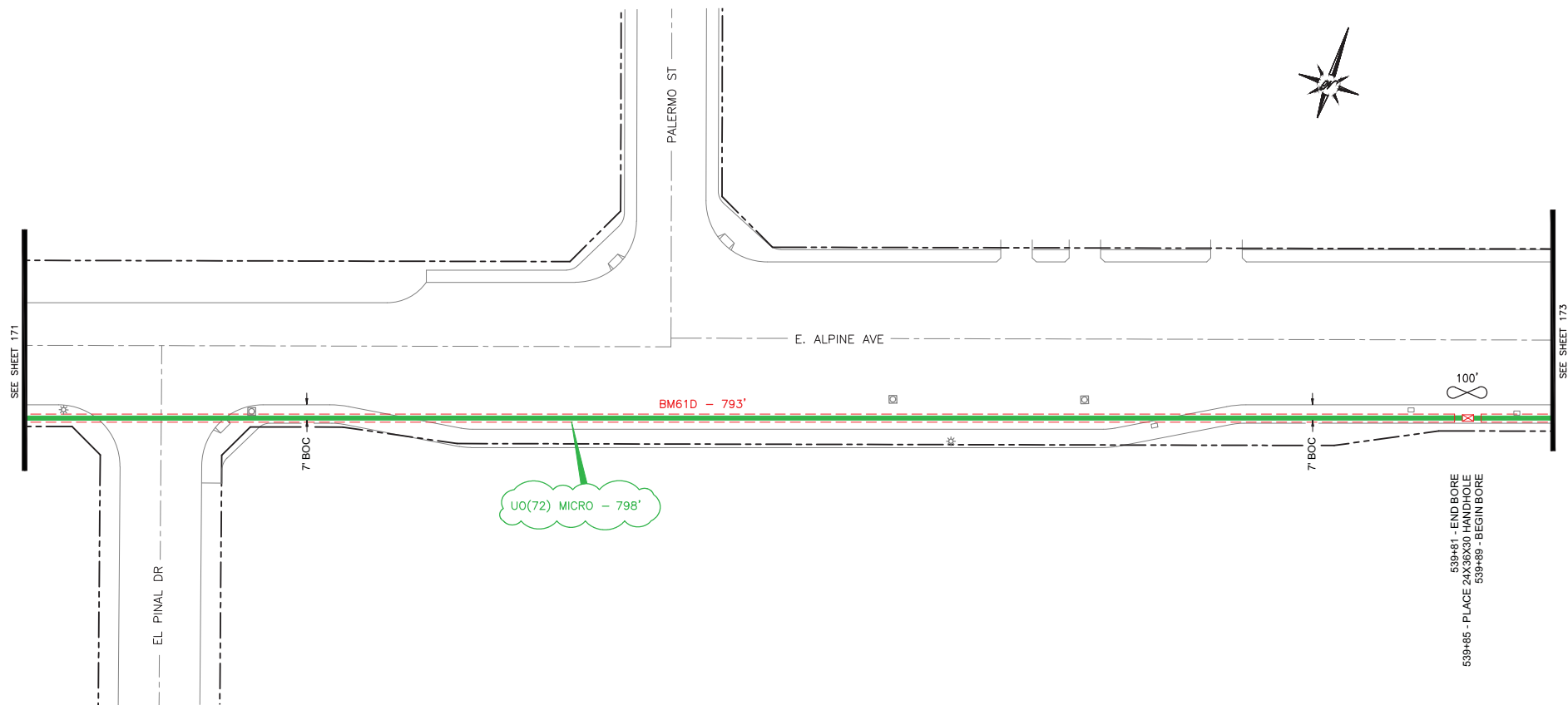




**NOTE**



BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UD(2x1x1.25)OR AND  
UO72 MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div>	<div></div>	<div> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div>					
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY														
BM63	0	HO-1	0	UHF(24X36X30)	1																		
BM60D	0	HO-4	0	UHF(24X36X30)T	0																		
BM61D	668'	HUO(72)	0	UHF(24X36X12)	0																		
BM66	0'	UD(2x1x1.25)OR	668'																				
BM72	0'	UD(1x10'12mm)U	0'																				
BM73	0'	UD(72) MICRO (W STORAGE)	847'																				
BM66-G	0'	UD-S	0'																				
																			DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:



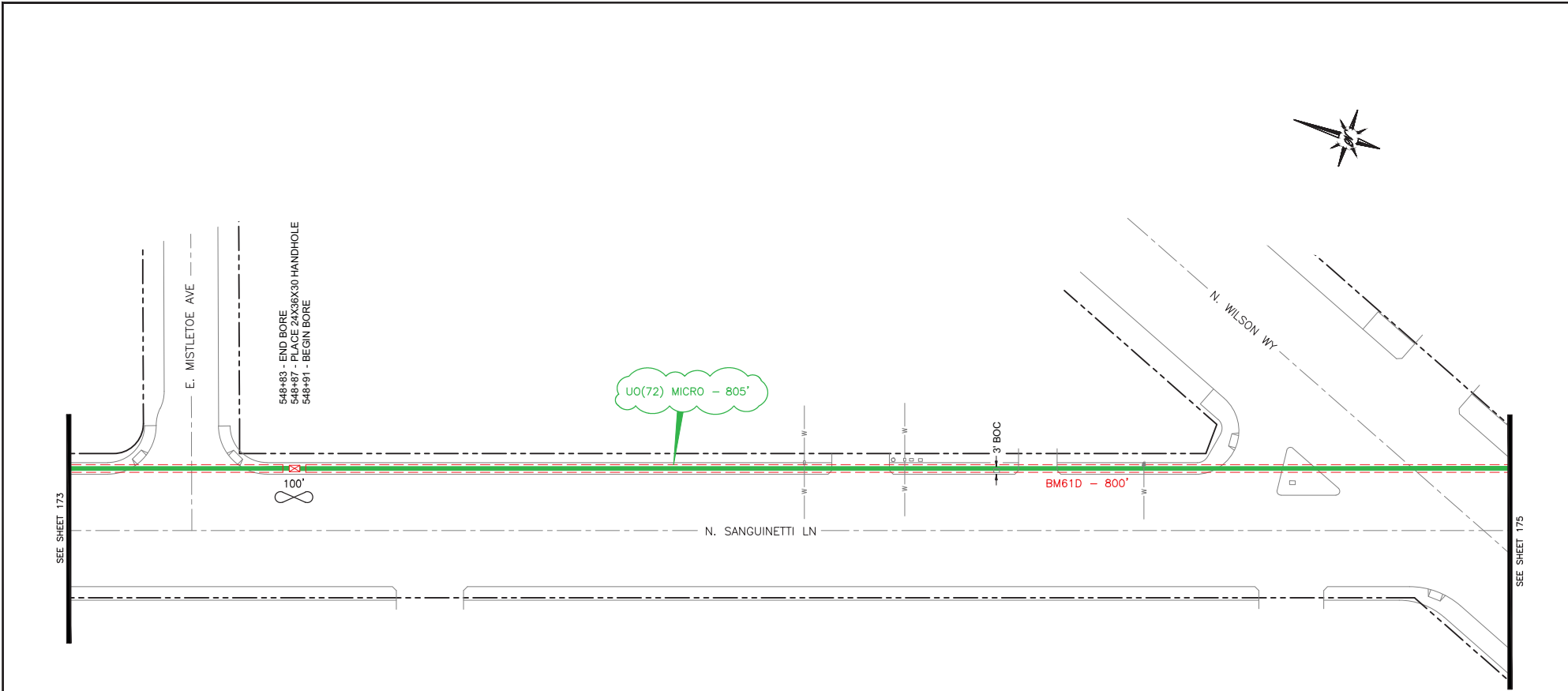
**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div> CENTRAL VALLEY INDEPENDENT NETWORK 865 M Street, Suite 1120, Fresno, CA 93721</div>		
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY									
BM63	0	HO-1	0	UHF(24X36X30)	1													
BM60D	0	HO-4	0	UHF(24X36X30)T	0													
BM61D	793'	HUO(72)	0	UHF(24X36X12)	0													
BM66	0'	UO(2x1x1.25)OR	793'															
BM72	0'	UO(1x10'12mm)U	0'															
BM73	0'	UO(72) MICRO (W/ STORAGE)	898'															
BM66-G	0'	UO-S	0'															
											DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:		STOCKTON	GRID:





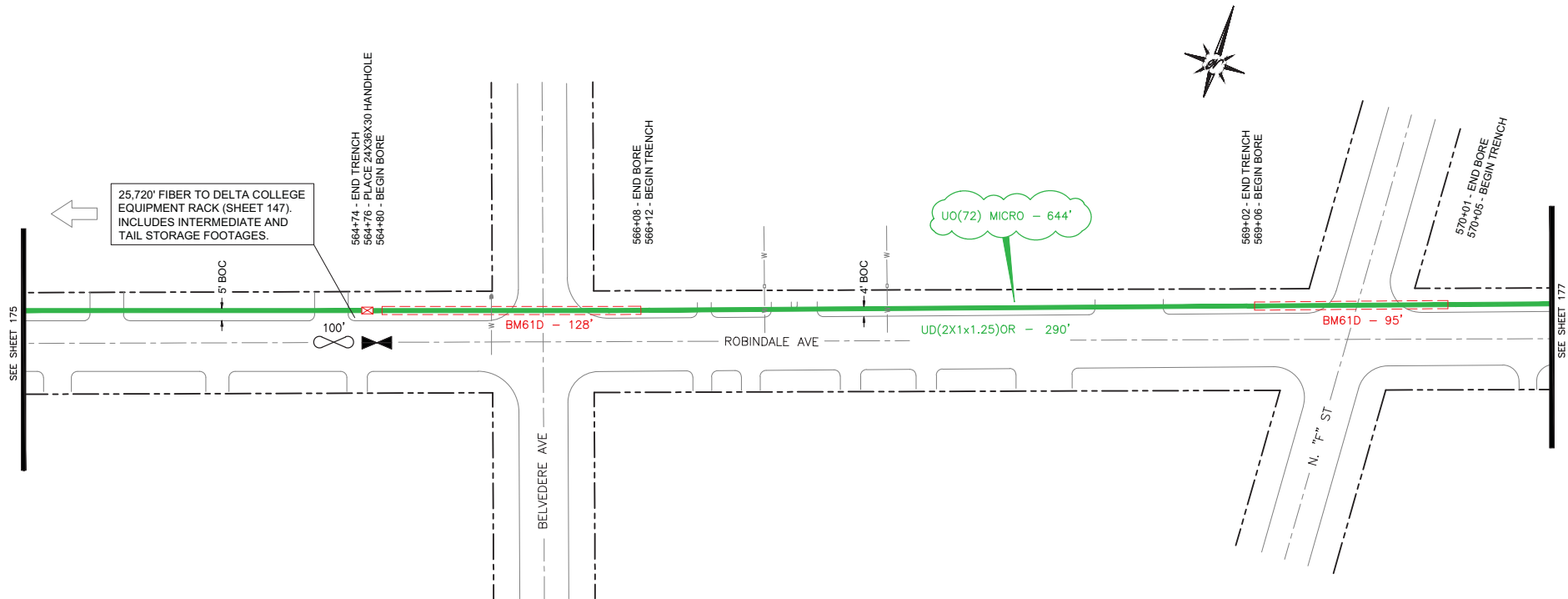


NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div>8/09/2011</div>	<div>1"=50'</div>	<div>SEGMENT: STOCKTON</div>	<div>GRID: 174</div>
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY										
BM63	0	HO-1	0	UHF(24X36X30)	1														
BM60D	0'	HO-4	0	UHF(24X36X30)T	0														
BM61D	800'	HUO(72)	0	UHF(24X36X12)	0														
BM66	0'	UD(2x1x1.25)OR	800'																
BM72	0'	UD(1x10'12mm)U	0'																
BM73	0'	UO(72) MICRO (W STORAGE)	900'																
BM66-G	0'	UD-S	0'																





**NOTE**

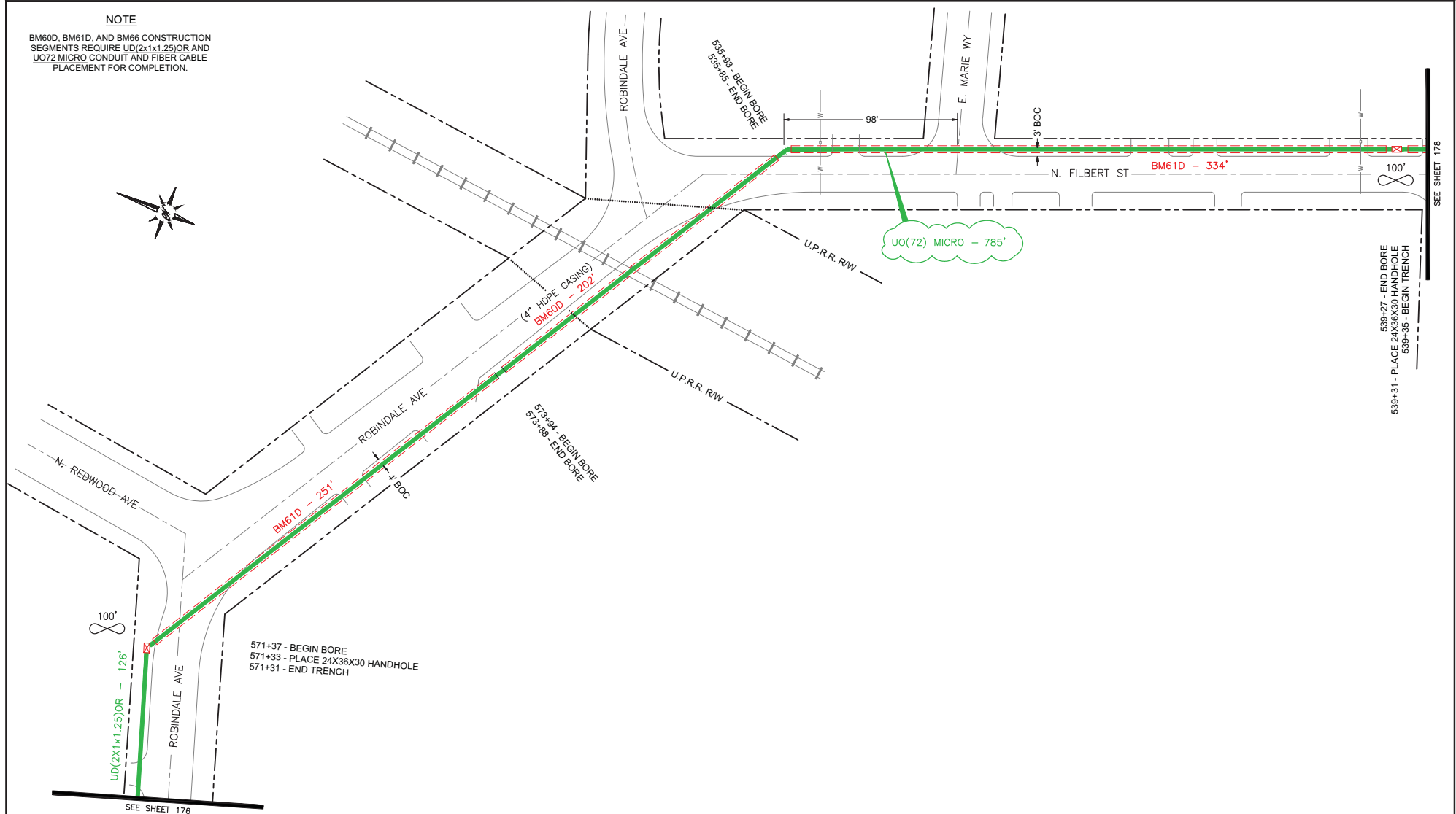
BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157	DATE: 8/09/2011	SCALE: 1"=50'	SEGMENT: STOCKTON	GRID: 176
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY											
BM03	0	HO-1	1	UHF(24X36X30)	1															
BM60D	0'	HO-4	0	UHF(24X36X30)T	0															
BM61D	223'	HUO(72)	1	UHF(24X36X12)	0															
BM66	0'	UD(2x1x1.25)OR	513'																	
BM72	0'	UD(1x10'12mm)U	0'																	
BM73	0'	UO(72) MICRO (W/ STORAGE)	744'																	
BM66-G	0'	UD-S	0'																	



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.



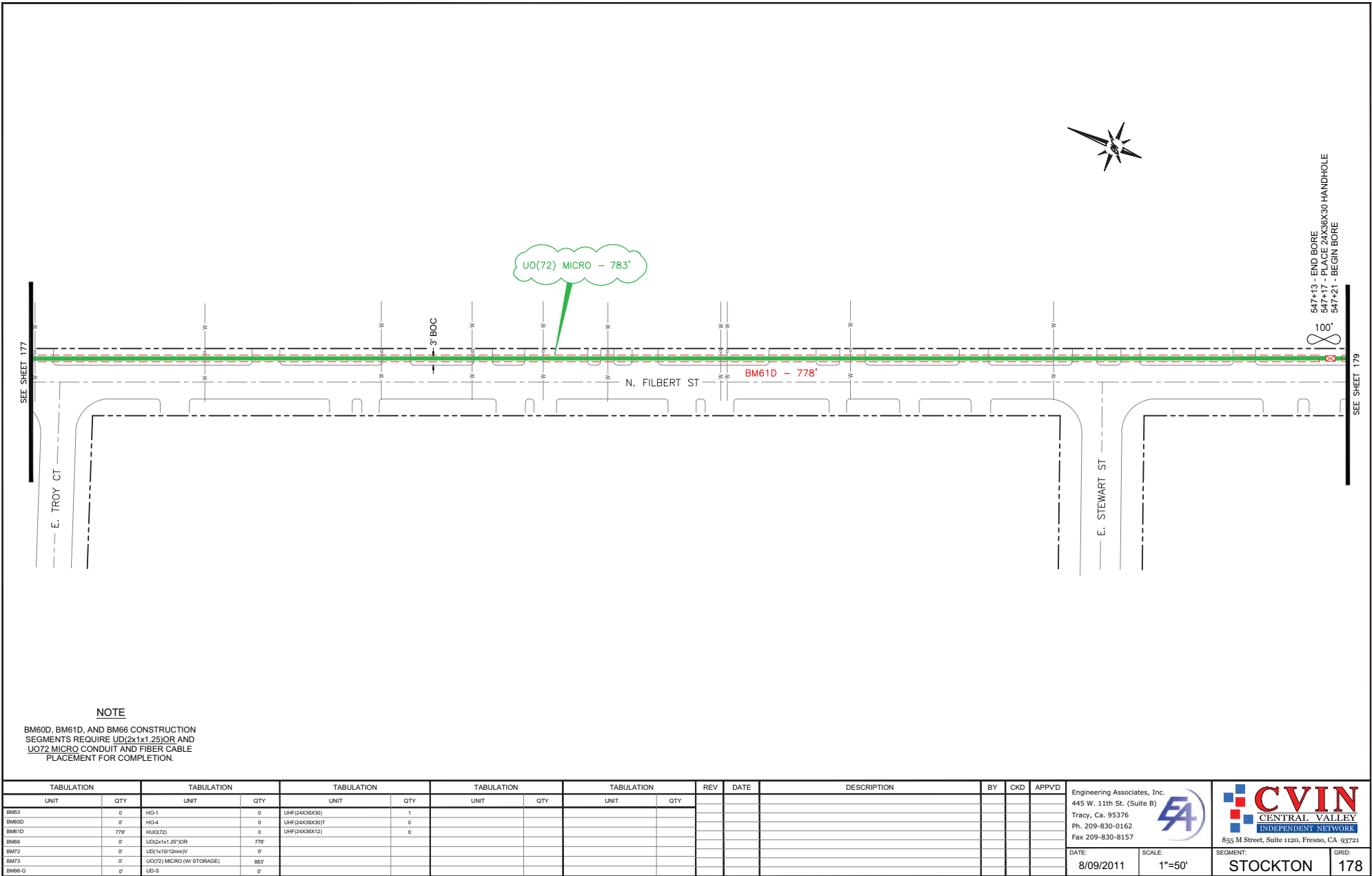
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	0										
BM60D	202'	HO-4	0	UHF(24X36X30)T	0										
BM61D	585'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0'	UD(2x1x1.25)OR	913'												
BM72	0'	UD(1x10'12mm)W	0'												
BM73	0'	UO(72) MICRO (W STORAGE)	985'												
BM66-G	0'	UD-S	0'												

Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
Tracy, Ca. 95376  
Ph. 209-830-0162  
Fax 209-830-8157

**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK

855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011	SCALE: 1"=50'	SEGMENT: STOCKTON	GRID: 177
--------------------	------------------	----------------------	--------------





NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UO(2x1x1.25)OR AND  
UO(72) MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1										
BM60D	0	HO-4	0	UHF(24X36X30)T	0										
BM61D	778'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0	UO(2x1x1.25)OR	778'												
BM72	0	UO(1x10'12mm)U	0												
BM73	0	UO(72) MICRO (W STORAGE)	883'												
BM66-G	0	UO-S	0												

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Fax 209-830-8157



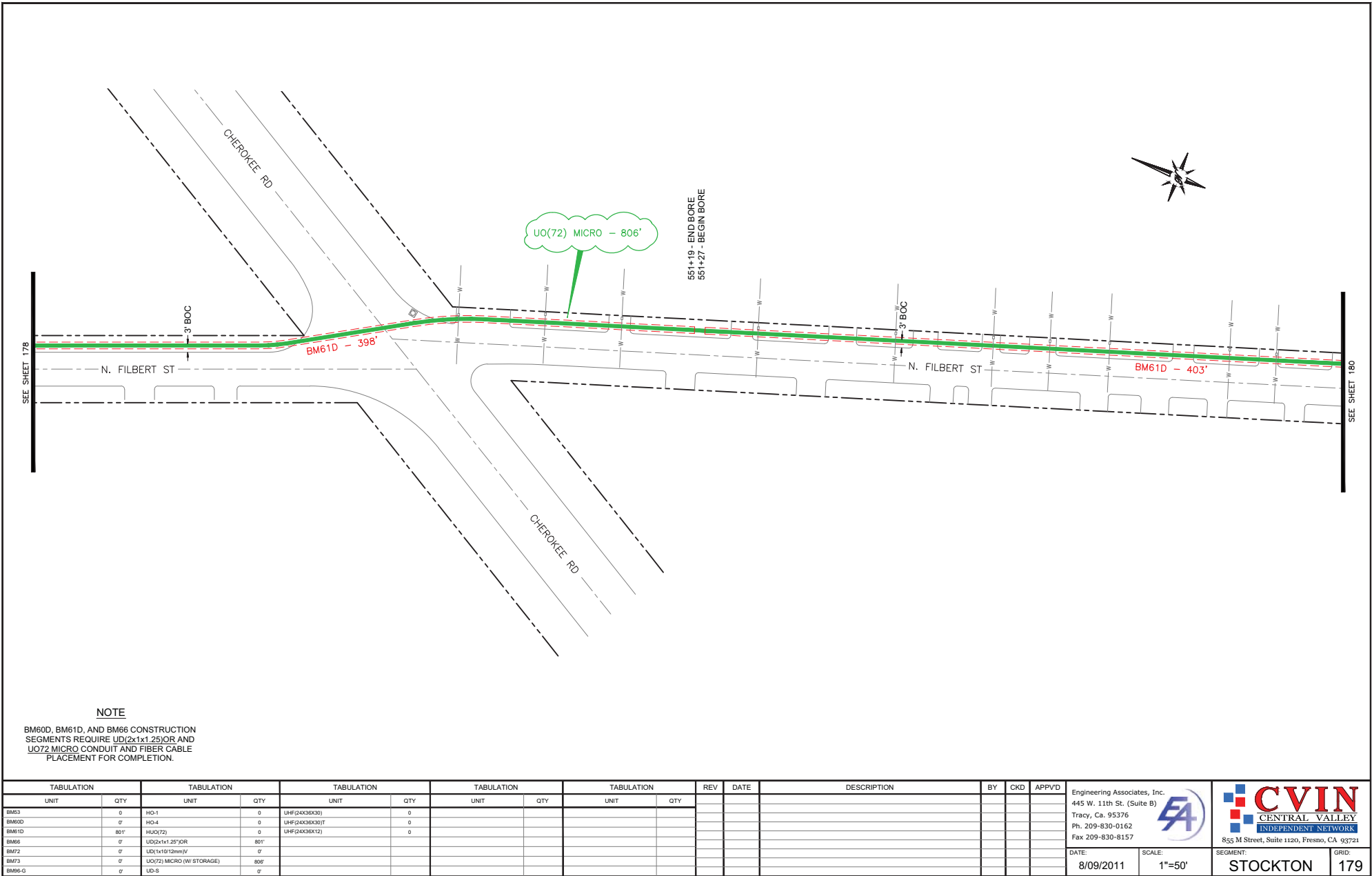
  
855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011

SCALE: 1"=50'

SEGMENT: STOCKTON

GRID: 178





NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO(72) MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	0										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	80'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0'	UO(2x1x1.25)OR	80'												
BM72	0'	UO(1x10'12mm)U	0'												
BM73	0'	UO(72) MICRO (W/ STORAGE)	806'												
BM66-G	0'	UO-S	0'												

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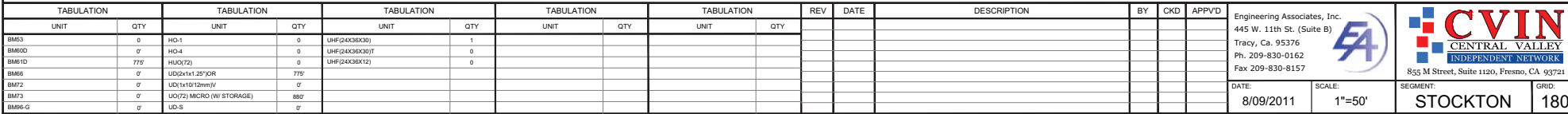
  
CENTRAL VALLEY  
INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011

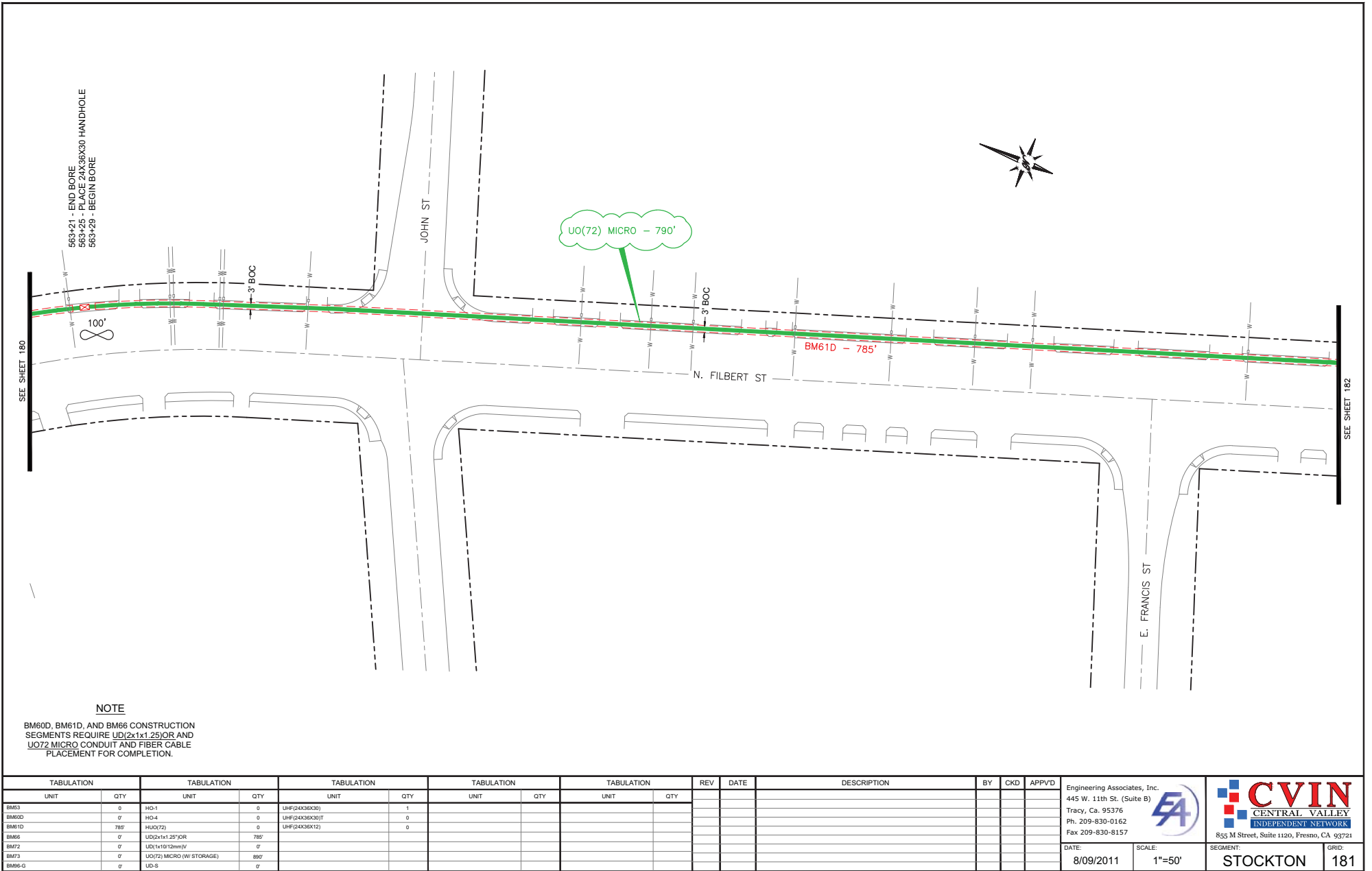
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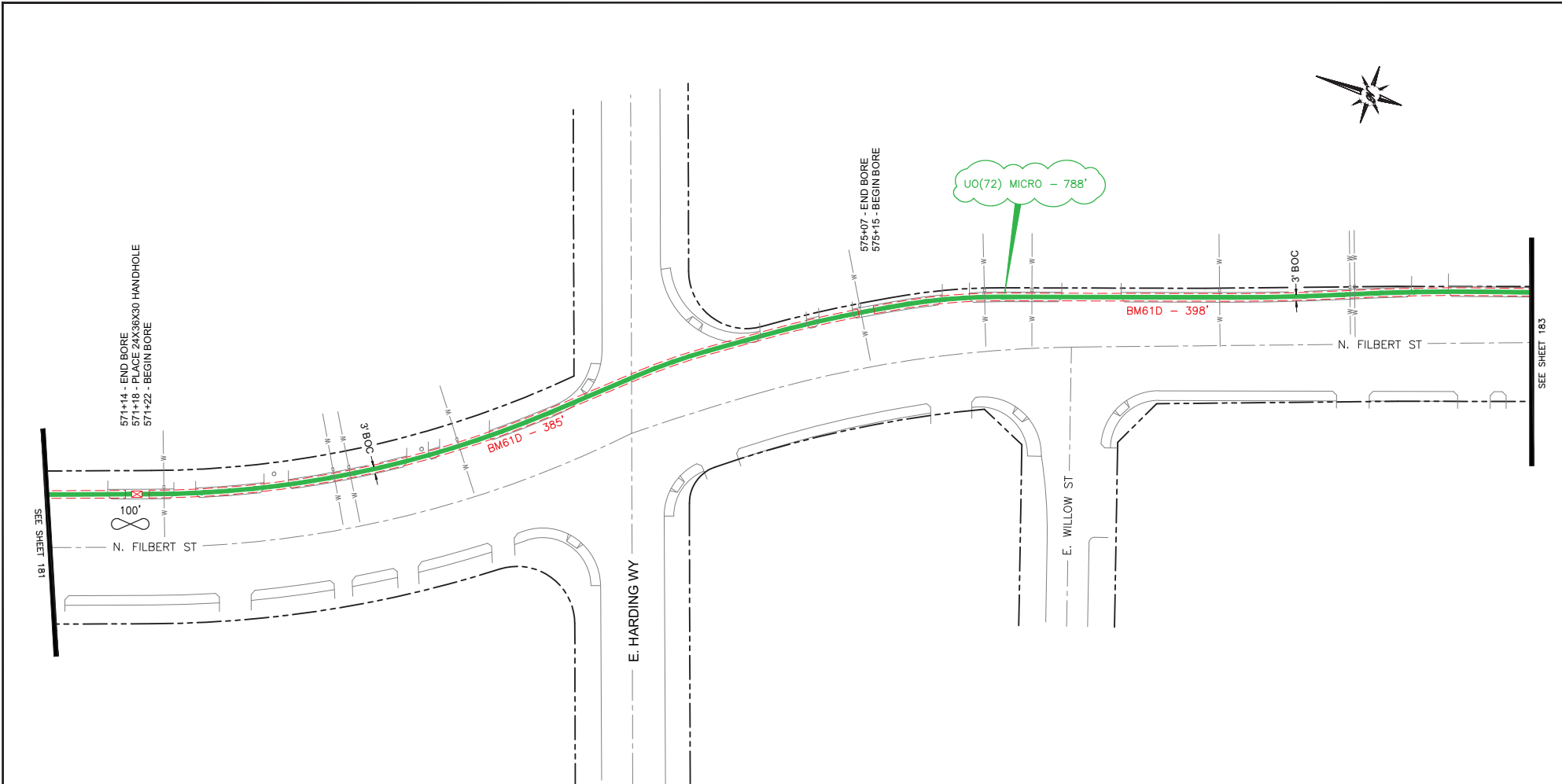
SEGMENT: STOCKTON

GRID: 179









NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(24x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1										
BM60D	0	HO-4	0	UHF(24X36X30)T	0										
BM61D	783	HUO(72)	0	UHF(24X36X12)	0										
BM66	0	UD(24x1.25)OR	783												
BM72	0	UD(1x10/12mm)U	0												
BM73	0	UO(72) MICRO (W/ STORAGE)	888												
BM66-G	0	UD-S	0												


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Fax 209-830-8157

DATE: 8/09/2011

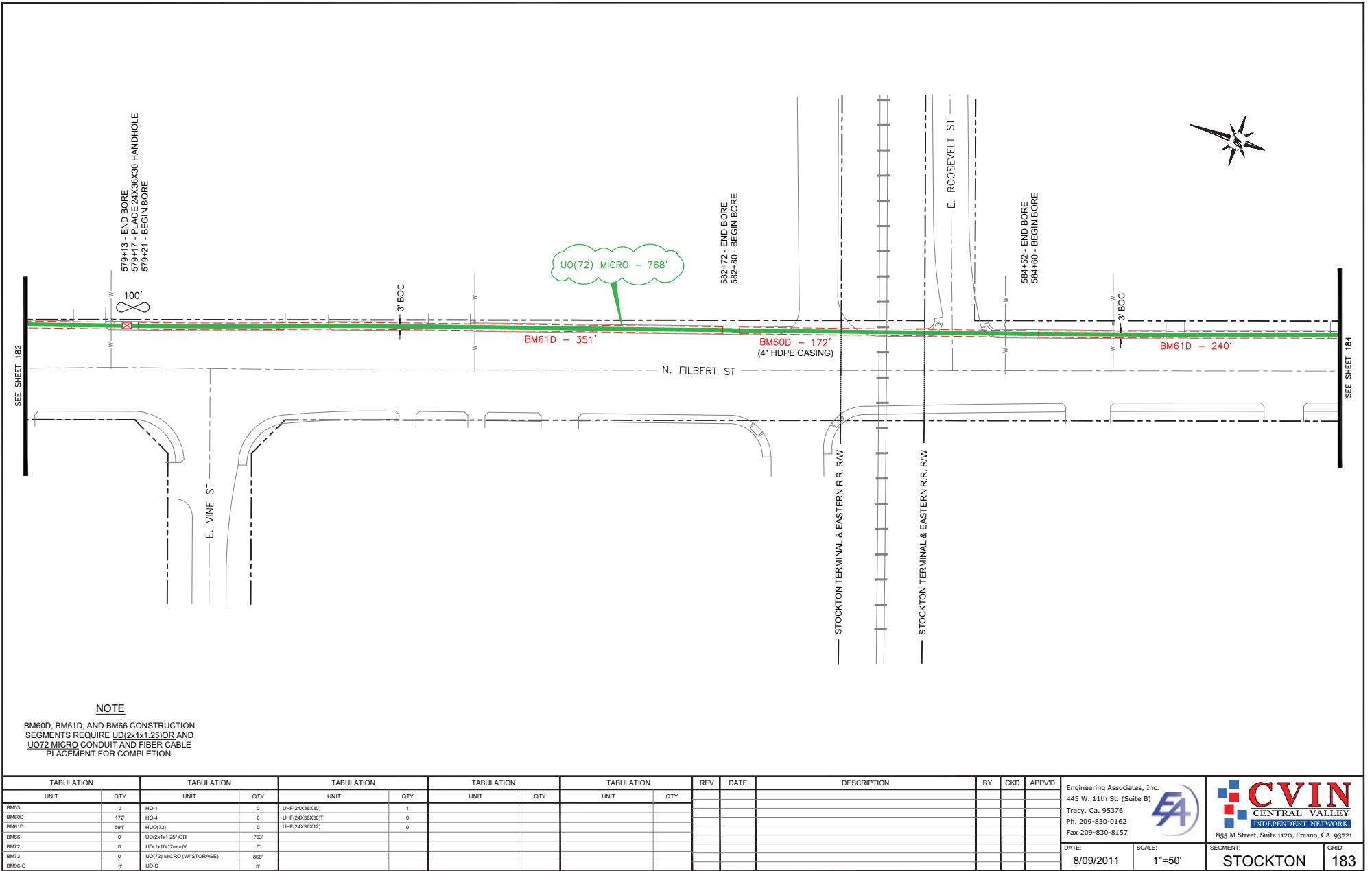
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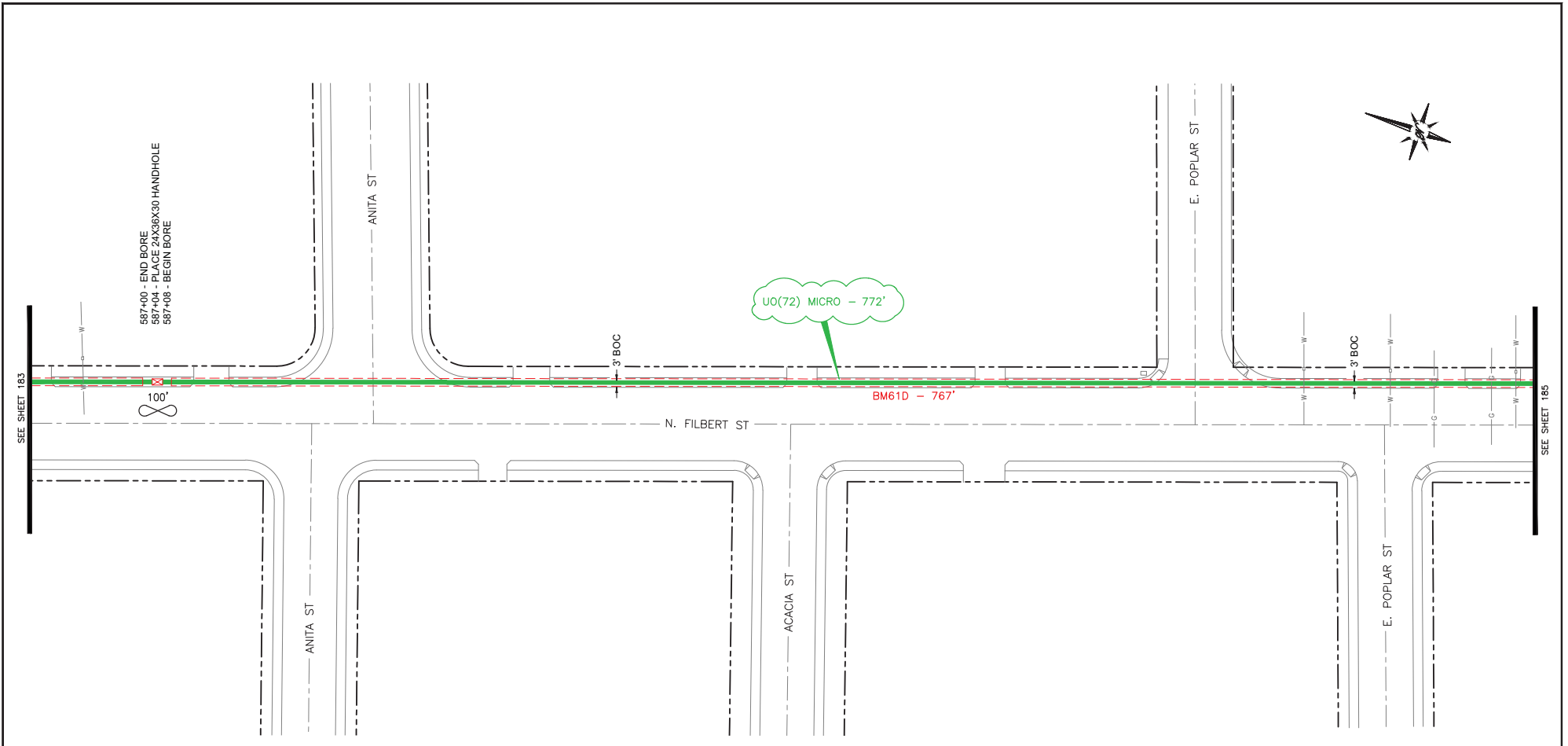
SEGMENT: STOCKTON

GRID: 182



CENTRAL VALLEY  
INDEPENDENT NETWORK





**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(24x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1												
BM60D	0'	HO-4	0	UHF(24X36X30)T	0												
BM61D	767'	HUO(72)	0	UHF(24X36X12)	0												
BM66	0'	UO(24x1.25)OR	767'														
BM72	0'	UO(1x10'12mm)U	0'														
BM73	0'	UO(72) MICRO (W/ STORAGE)	872'														
BM66-G	0'	UO-S	0'														

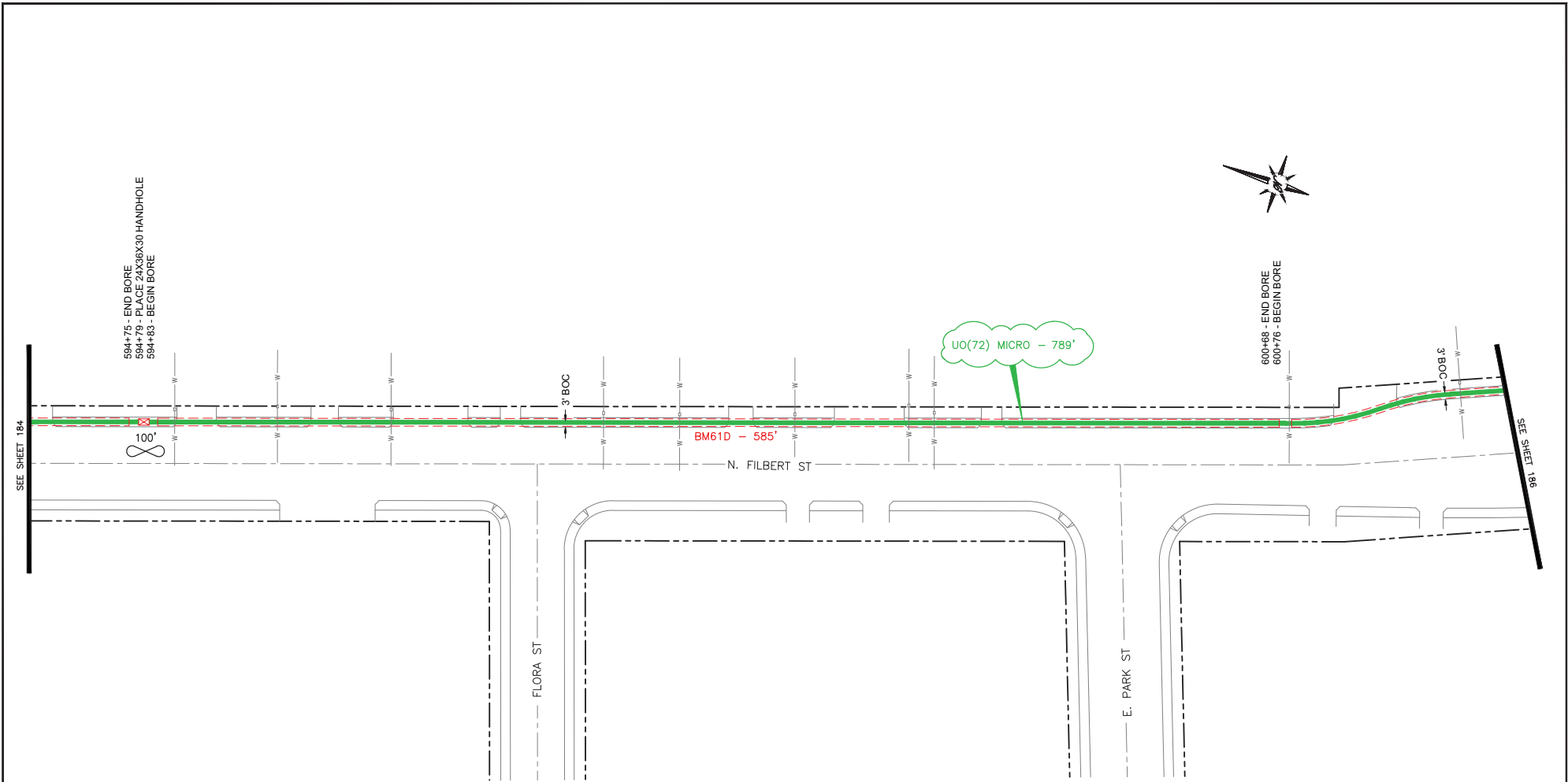
Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
Tracy, Ca. 95376  
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Fax 209-830-8157

**EA**

**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK


855 M Street, Suite 1120, Fresno, CA 93721

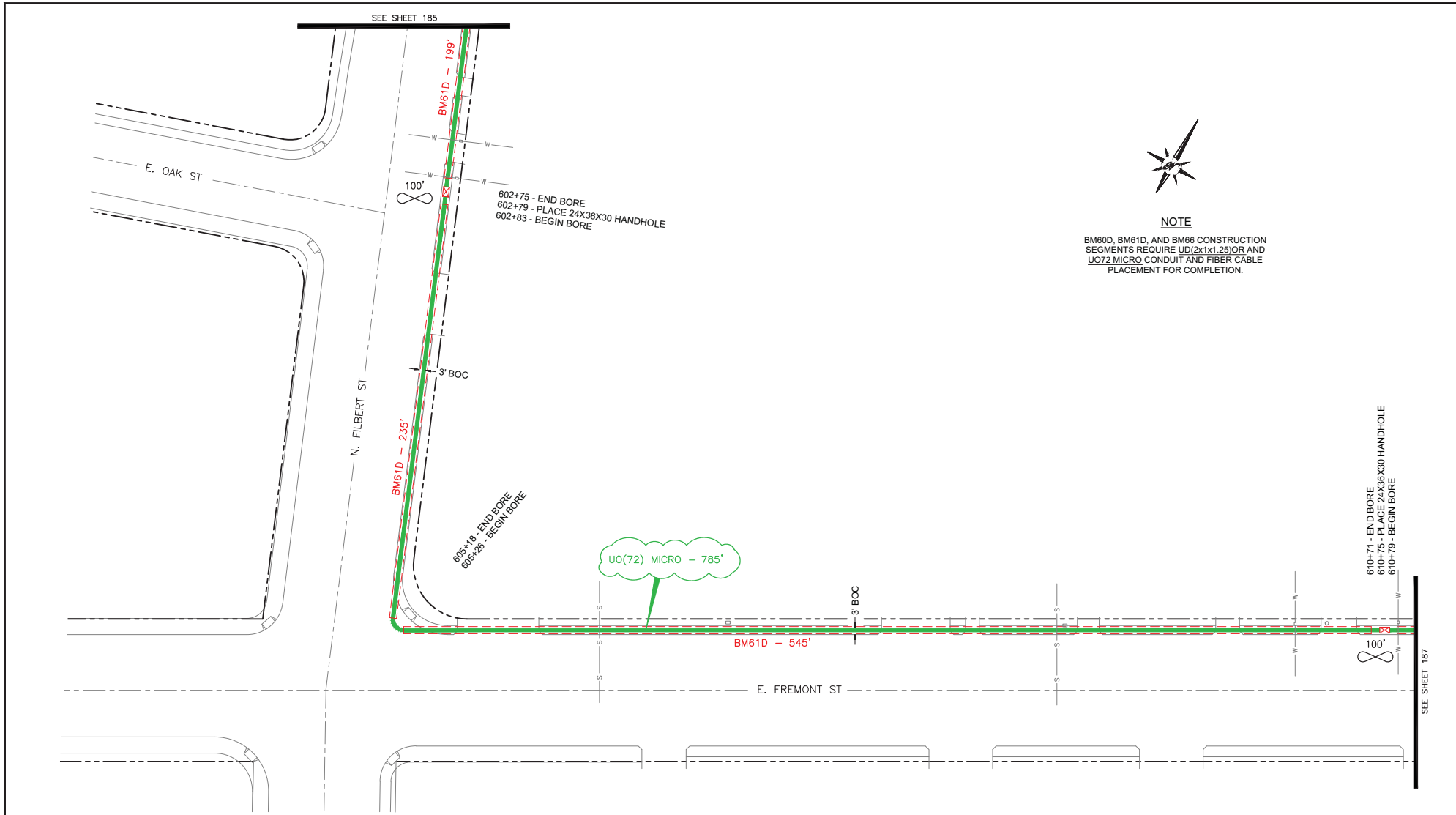
DATE: 8/09/2011  
SCALE: 1"=50'  
SEGMENT: STOCKTON  
GRID: 184



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157		<b>CVIN</b> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY									
BM63	0	HO-1	0	UHF(24X36X30)	1													DATE: 8/09/2011 SCALE: 1"=50' SEGMENT: STOCKTON GRID: 185		
BM60D	0'	HO-4	0	UHF(24X36X30)T	0															
BM61D	585'	HO(72)	0	UHF(24X36X12)	0															
BM66	0'	UD(2x1x1.25)OR	585'																	
BM72	0'	UD(1x10'12mm)U	0'																	
BM73	0'	UO(72) MICRO (W/ STORAGE)	889'																	
BM66-G	0'	UD-S	0'																	



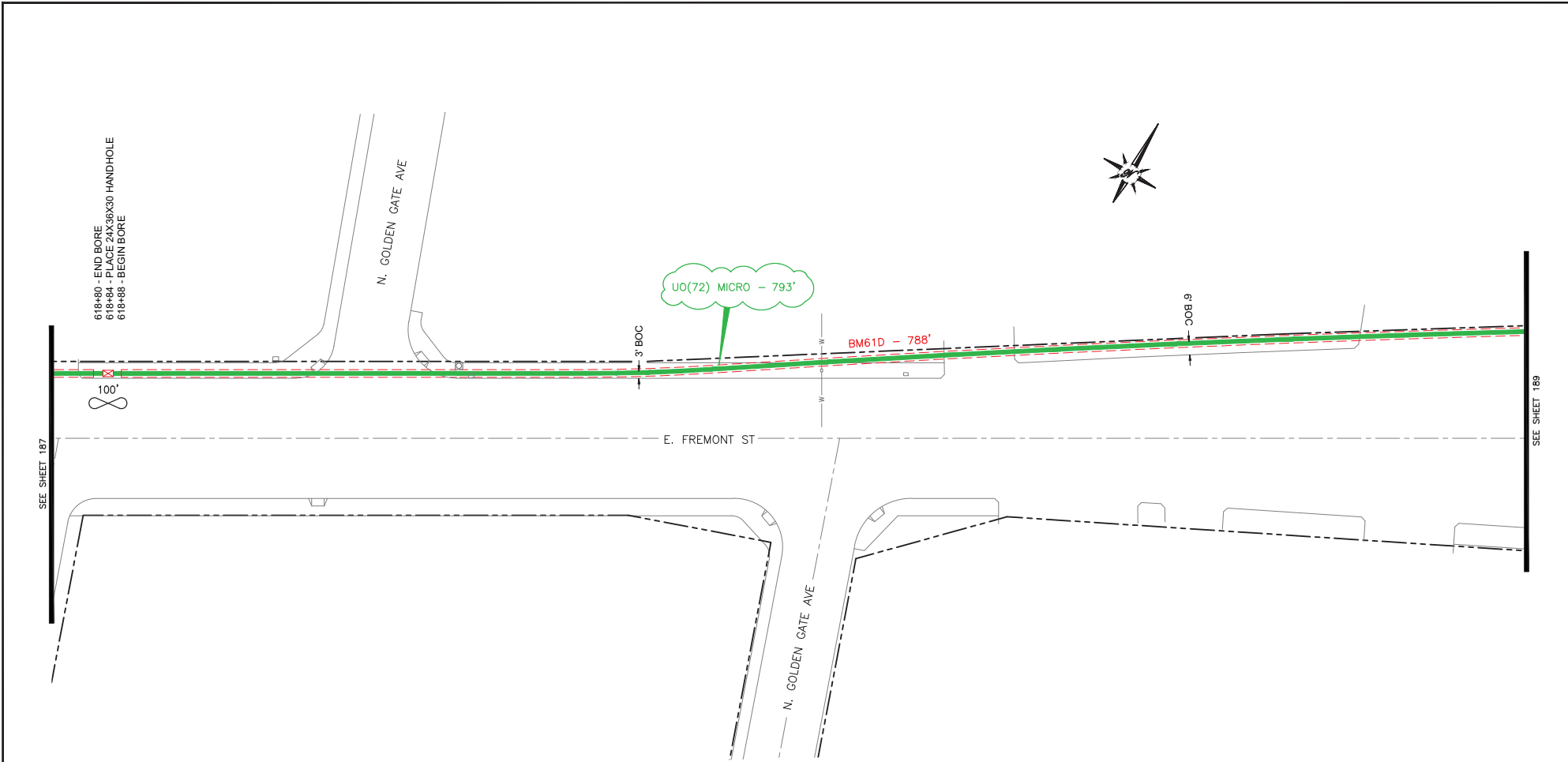
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UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM60	0	HO-1	0	UHF(24X36X30)	2										
BM60D	0	HO-4	0	UHF(24X36X30)T	0										
BM61D	979	HUO(72)	0	UHF(24X36X12)	0										
BM66	0	UD(2x1x1.25)OR	979												
BM72	0	UD(1x10'12mm)U	0												
BM73	0	UD(72) MICRO (W STORAGE)	989												
BM66-G	0	UD-S	0												

Engineering Associates, Inc.  
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**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93721



DATE: 8/09/2011 SCALE: 1"=50' SEGMENT: STOCKTON GRID: 186



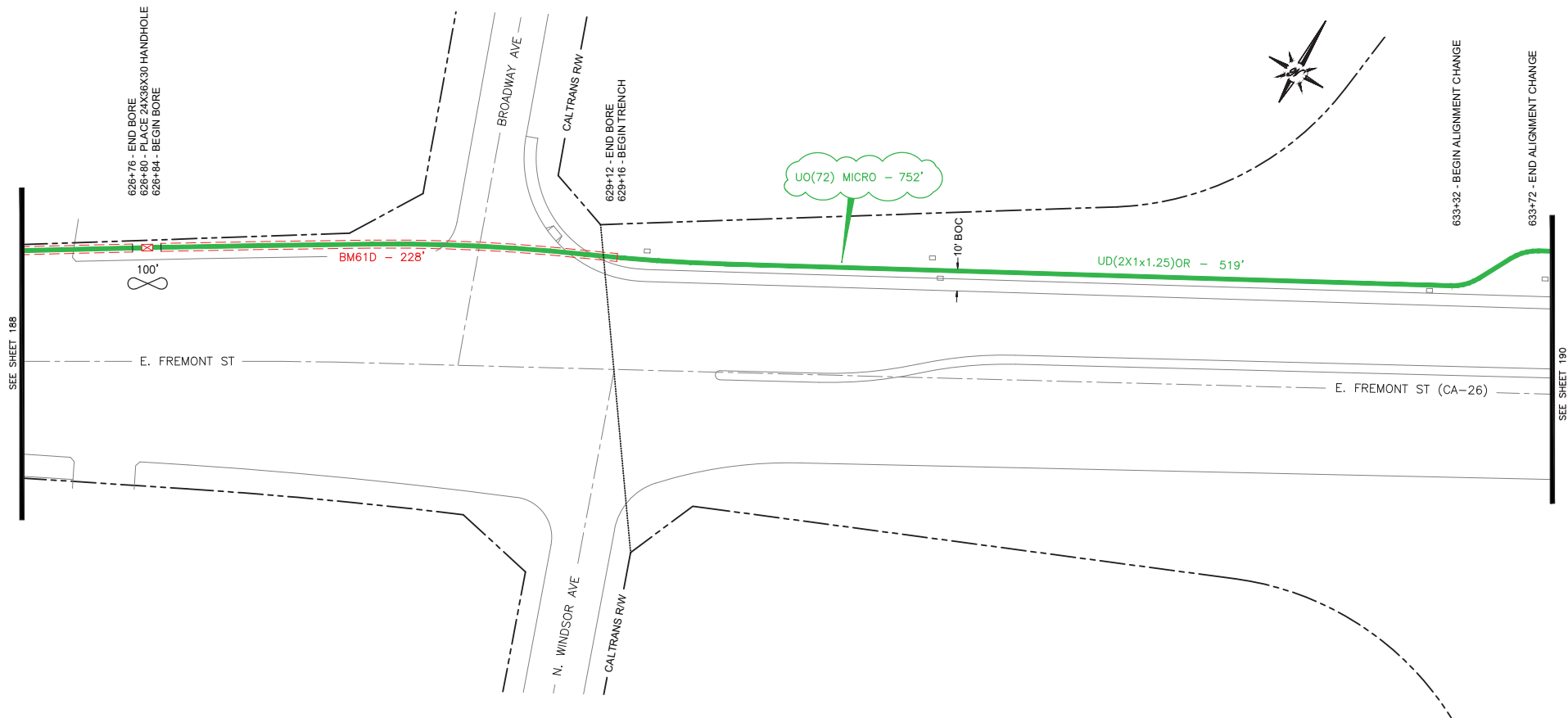


NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UO(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.


TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div><div>CVIN CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div></div>
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY							
BM63	0	HO-1	0	UHF(24X36X30)	1											
BM60D	0'	HO-4	0	UHF(24X36X30)T	0											
BM61D	788'	HUO(72)	0	UHF(24X36X12)	0											
BM66	0'	UO(2x1x1.25)OR	788'													
BM72	0'	UO(1x10'12mm)U	0'													
BM73	0'	UO(72) MICRO (W STORAGE)	853'													
BM66-G	0'	UO-S	0'													
DATE: 8/09/2011																
SCALE: 1"=50'																
SEGMENT: STOCKTON																
GRID: 188																





# NOTE



BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

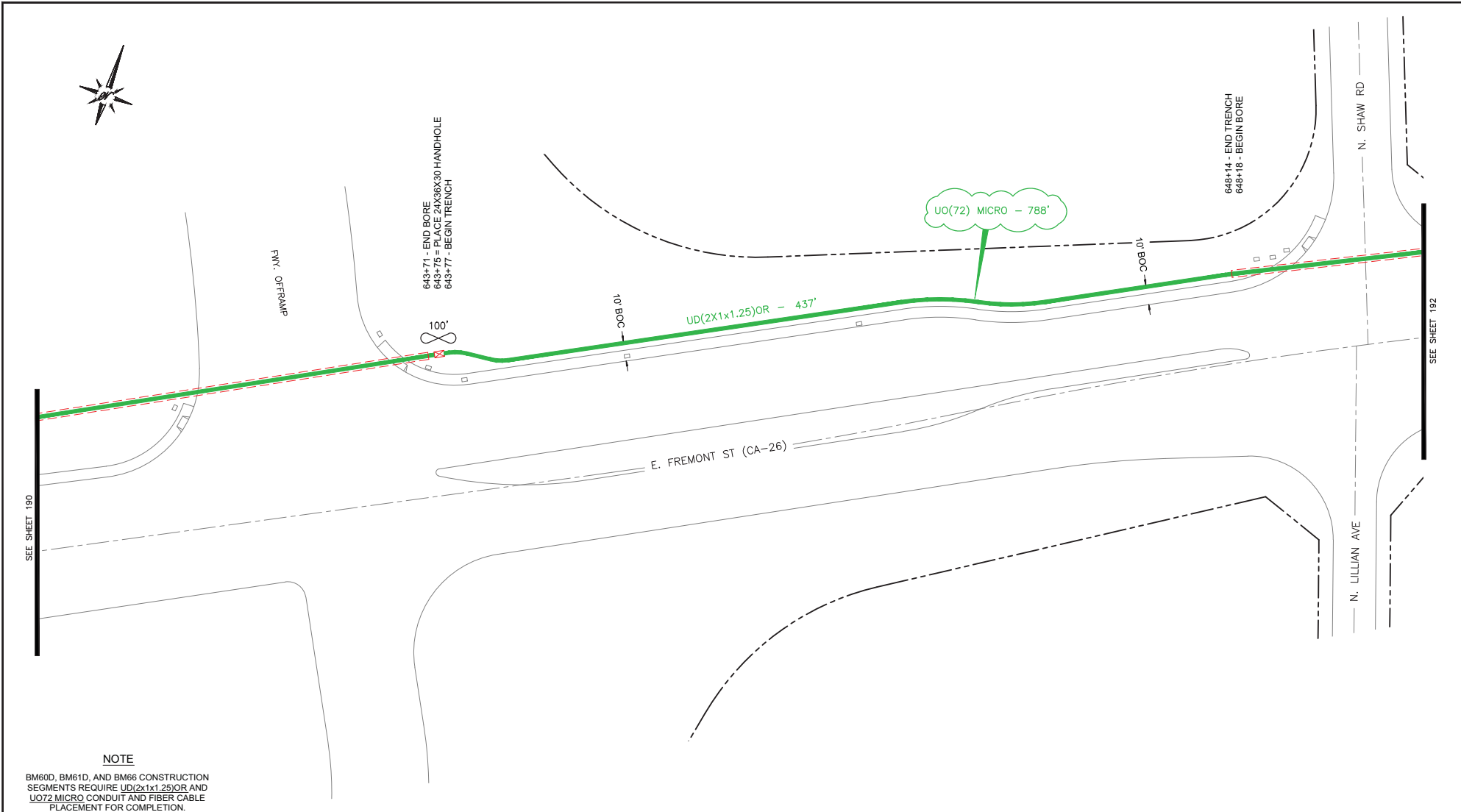
TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div>	<div> <b>CVIN</b> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div>	
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY									
BM63	0	HO-1	0	UHF(24X36X30)	1													
BM60D	0	HO-4	0	UHF(24X36X30)T	0													
BM61D	228'	HUO(72)	0	UHF(24X36X12)	0													
BM66	0'	UD(2x1x1.25)OR	747'															
BM72	0'	UD(1x10'12mm)U	0'															
BM73	0'	UD(72) MICRO (W STORAGE)	852'															
BM66-G	0'	UD-S	0'															
											DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:			STOCKTON



NOTE

BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UO(2x1x1.25)OR AND  
UO72 MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div><b>CVIN</b> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div>	
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY								
BM63	0	HO-1	0	UHF(24X36X30)	1												
BM60D	934'	HO-4	0	UHF(24X36X30)T	0												
BM61D	0'	HUO(72)	0	UHF(24X36X12)	0												
BM66	0'	UO2x1x1.25"OR	934'														
BM72	0'	UO1x10'12mm/U	0'														
BM73	0'	UO(72) MICRO (W/ STORAGE)	1039'														
BM66-G	0'	UO-S	0'														
										DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:	STOCKTON		GRID:



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1										
BM60D	0'	HO-4	0	UHF(24X36X30)T	0										
BM61D	0'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0'	UD(2x1x1.25)OR	437'												
BM72	0'	UD(1x10'12mm)U	0'												
BM73	0'	UO(72) MICRO (W/ STORAGE)	888'												
BM66-G	0'	UD-S	0'												

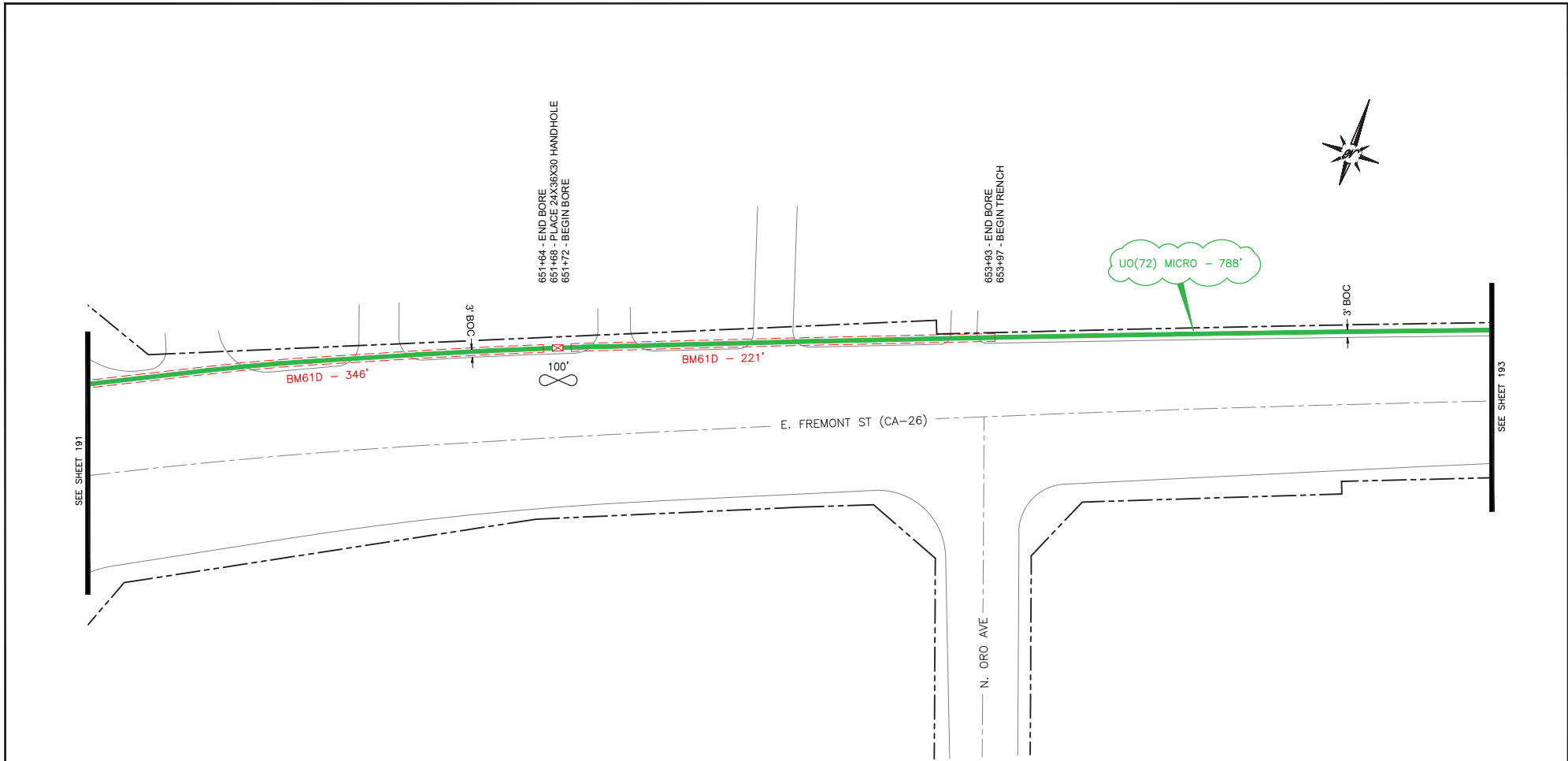
Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
Tracy, Ca. 95376  
Ph. 209-830-0162  
Fax 209-830-8157

**EA**

**CVIN**  
CENTRAL VALLEY  
INDEPENDENT NETWORK

855 M Street, Suite 1120, Fresno, CA 93721

DATE: 8/09/2011 SCALE: 1"=50' SEGMENT: STOCKTON GRID: 191



**NOTE**

BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UO(24x1x1.25)OR AND  
UO72 MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM63	0	HO-1	0	UHF(24X36X30)	1												
BM60D	0	HO-4	0	UHF(24X36X30)T	0												
BM61D	567	HUO(72)	0	UHF(24X36X12)	0												
BM66	0	UO(24x1.25)OR	567														
BM72	0	UO(1x10'12mm)U	0														
BM73	0	UO(72) MICRO (W/ STORAGE)	888														
BM66-G	0	UO-S	0														

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445 W. 11th St. (Suite B)  
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Fax 209-830-8157

8/09/2011

1"=50'

SEGMENT:

STOCKTON

GRID:

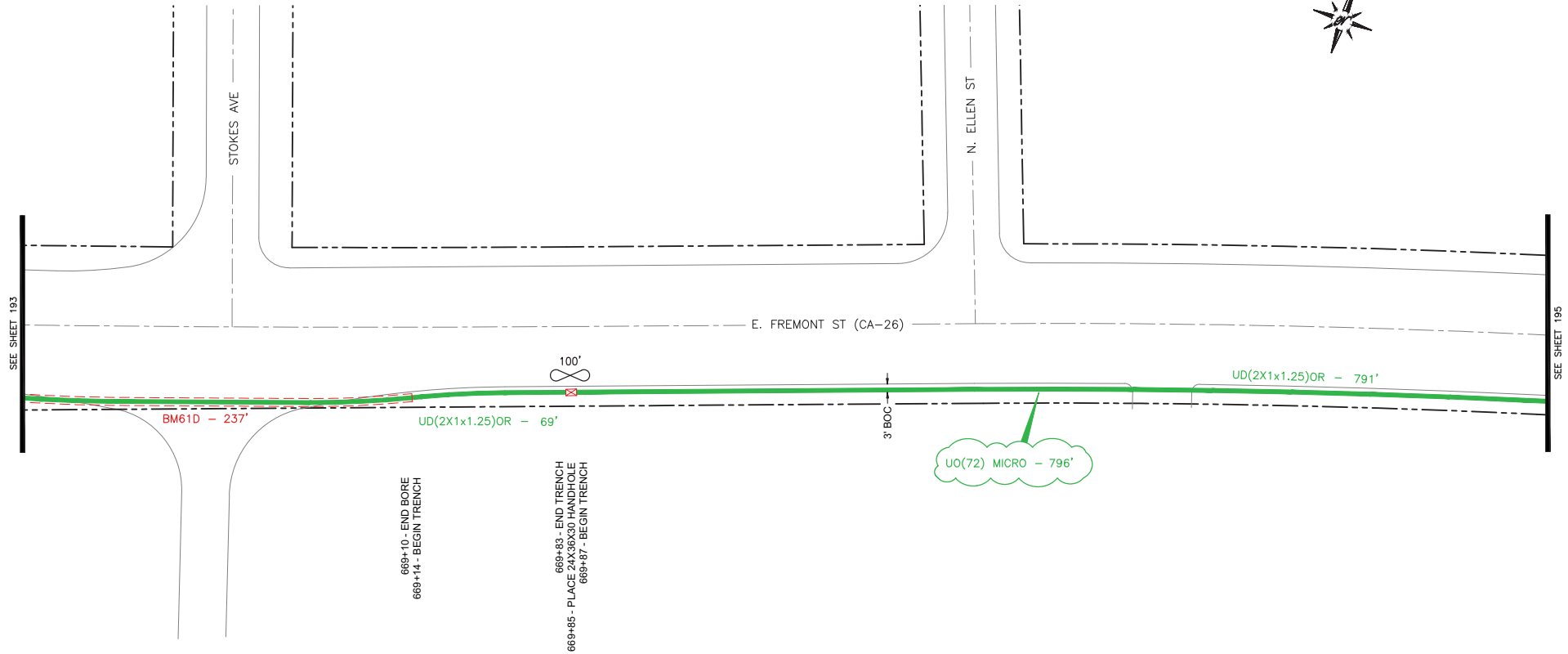
192

CENTRAL VALLEY



INDEPENDENT NETWORK

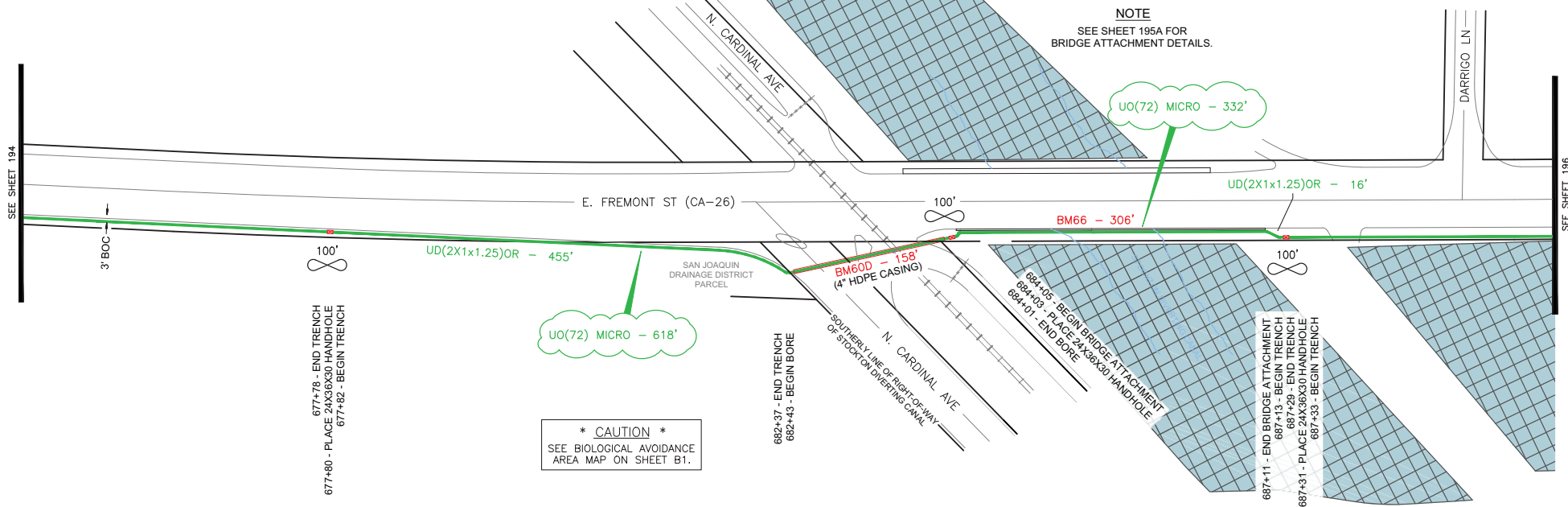
855 M Street, Suite 1120, Fresno, CA 93721





NOTE  
BM60D, BM61D, AND BM66 CONSTRUCTION  
SEGMENTS REQUIRE UD(2x1x1.25)OR AND  
UO72 MICRO CONDUIT AND FIBER CABLE  
PLACEMENT FOR COMPLETION.


TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div><div>CENTRAL VALLEY INSURANCE BROKERS 855 M Street, Suite 1120, Fresno, CA. 93721</div></div>	
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY										
BM63	0	HO-1	0	UHF(24X36X30)	1														
BM60D	0	HO-4	0	UHF(24X36X30)T	0														
BM61D	237'	HUO(72)	0	UHF(24X36X12)	0														
BM66	0	UD(2x1x1.25)OR	1097'																
BM72	0	UD(1x10'12mm)U	0																
BM73	0	UO(72) MICRO (W/ STORAGE)	896'																
BM66-G	0	UD-S	0																
												DATE:	8/09/2011	SCALE:	1"=50'	SEGMENT:	STOCKTON		GRID:



**NOTE**


BM60D, BM61D, AND BM66 CONSTRUCTION SEGMENTS REQUIRE UD(2x1x1.25)OR AND UO72 MICRO CONDUIT AND FIBER CABLE PLACEMENT FOR COMPLETION.

**LEGEND:**

 AVOIDANCE AREA.  
SEASONAL & PERMANENT  
AQUATIC.

TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	1	8/30/11	BIOLOGICAL AVOIDANCE INFO			
BM53	0	HO-1	0	UHF(24X36X30)	3												
BM60D	156'	HO-4	0	UHF(24X36X30)T	0												
BM61D	0'	HO(72)	0	UHF(24X36X12)	0												
BM66	306'	UD(2x1x1.25)OR	535'														
BM72	0'	UD(1x10/12mm)W	0'														
BM73	0'	UD(72) MICRO (W/ STORAGE)	1250'														
BM96-G	0'	UD-S	0'														

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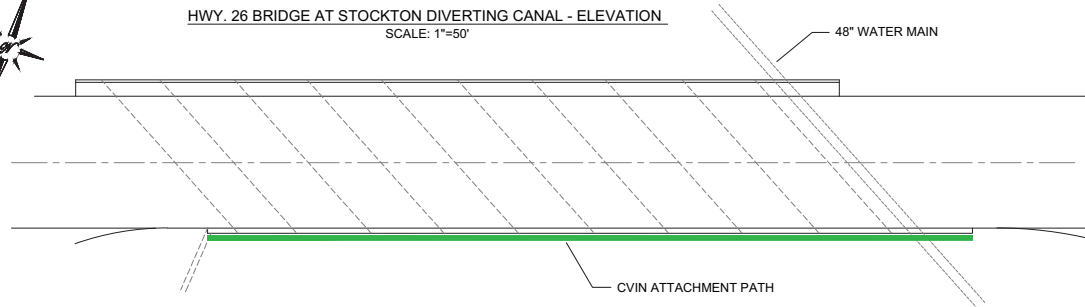


DATE: 6/25/2011 SCALE: 1"=100'

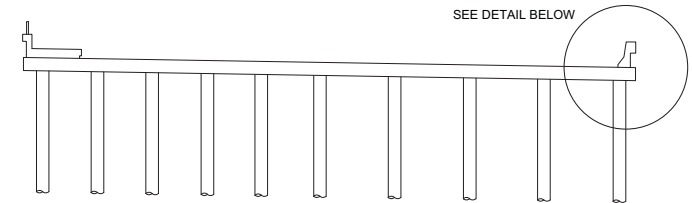
SEGMENT: STOCKTON GRID: 195



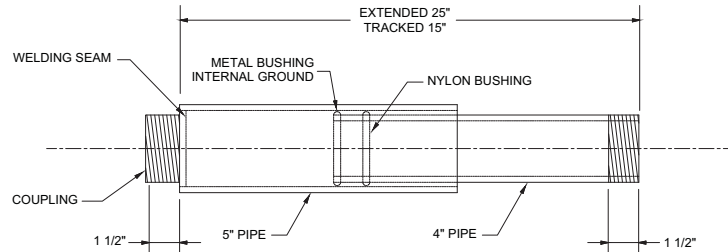
HWY. 26 BRIDGE AT STOCKTON DIVERTING CANAL - ELEVATION  
SCALE: 1"=50'



HWY. 26 BRIDGE AT STOCKTON DIVERTING CANAL - TYPICAL SECTION LOOKING EAST  
SCALE: 1"=50'



TYPICAL STEEL EXPANSION JOINT  
N.T.S.



NOTES:

1. TWO EXPANSION JOINTS TO BE INSTALLED, SPACED EVENLY.
2. JOINT MATERIALS TO BE HOT DIP GALVANIZED STEEL.

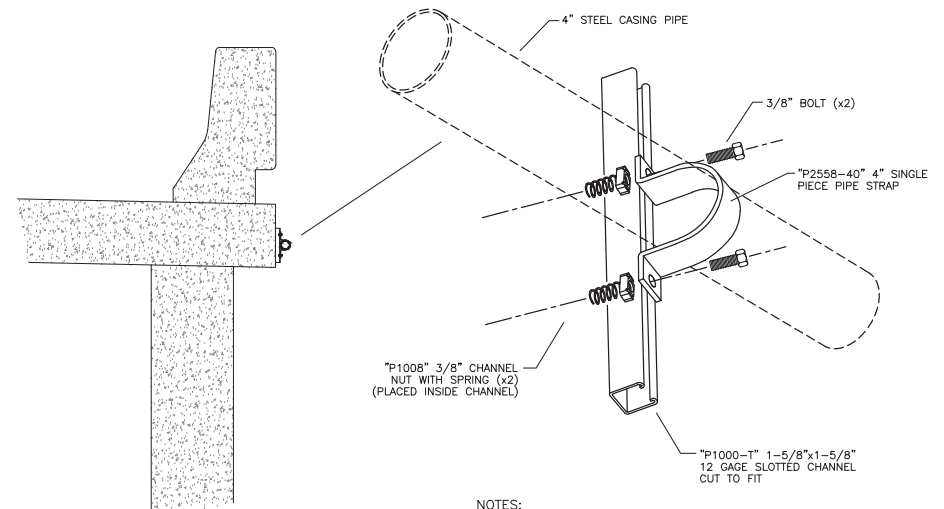
DESIGN WEIGHT & LOAD CALCULATIONS

MATERIAL	UNIT WEIGHT	QUANTITY	INSTALLED WEIGHT
4" (4.50" O.D.) STEEL PIPE	10.79 LBS./FT.	158'	1704.8 LBS.
UNISTRUT SUPPORT ASSEMBLY	2.78 LBS. EA.	15	41.7 LBS.
4" STEEL EXPANSION JOINT	47.0 LBS. EA.	2	94.0 LBS.
1.25" HDPE CONDUIT	0.31 LBS./FT.	158'	49.0 LBS.
1.25" HDPE 4-WAY CONDUIT WITH (4) MICRODUCTS & TRACER WIRE	0.45 LBS./FT.	158'	71.1 LBS.
72-CT. FIBER OPTIC CABLE	0.17 LBS./FT.	158'	26.9 LBS.
TOTAL INSTALLED WEIGHT:			1987.5 LBS.

INSTALLED WEIGHT: 1987.5 LBS.  
\* LOAD BEARING SUPPORTS: 15  
UNIT SUPPORT LOAD: 132.5 LBS.  
CRITICAL PART LOAD RATING: 800 LBS.  
(SUPPORT CHANNEL NUT)  
WORKING LOAD FACTOR: 16.6%



\* SUPPORT SPACING: 9'-10"

UNISTRUT CONCRETE BRIDGE ATTACHMENT DETAIL  
N.T.S.

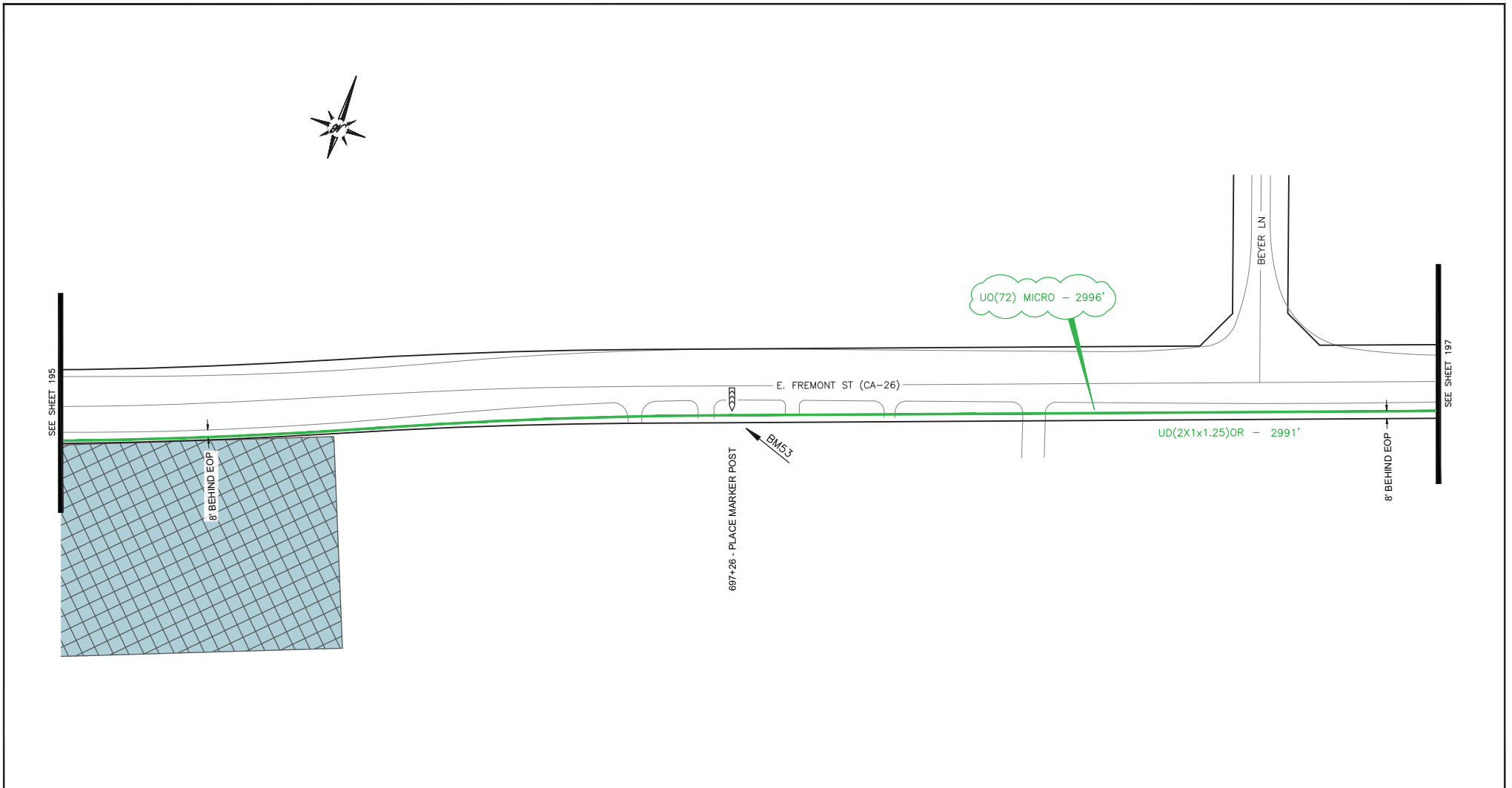


NOTES:



1. SLOTTED CHANNEL SHALL BE ATTACHED TO CONCRETE BRIDGE SECTION WITH (2) 3/8" STAINLESS STEEL DROP-IN ANCHORS, MINIMUM EMBED - 1-1/2".
2. PIPE SUPPORT ASSEMBLY SPACING WILL BE NOTED ON EACH BRIDGE ATTACHMENT DETAIL SHEET.



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div>				
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY											
BM03	-	HO-1	-	UHF(24X36X30)	-															
BM000	-	HO-4	-	UHF(24X36X30)T	-															
BM010	-	HUO(72)	-	UHF(24X36X12)	-															
BM06	-	UD(2x1x1.25)OR	-																	
BM72	-	UD(1x10/12mm)W	-																	
BM73	-	UD(72) MICRO (W STORAGE)	-																	
BM06-G	-	UD-S	-																	
													DATE:	8/09/2011	SCALE:	AS SHOWN	SEGMENT:	STOCKTON	GRID:	195A

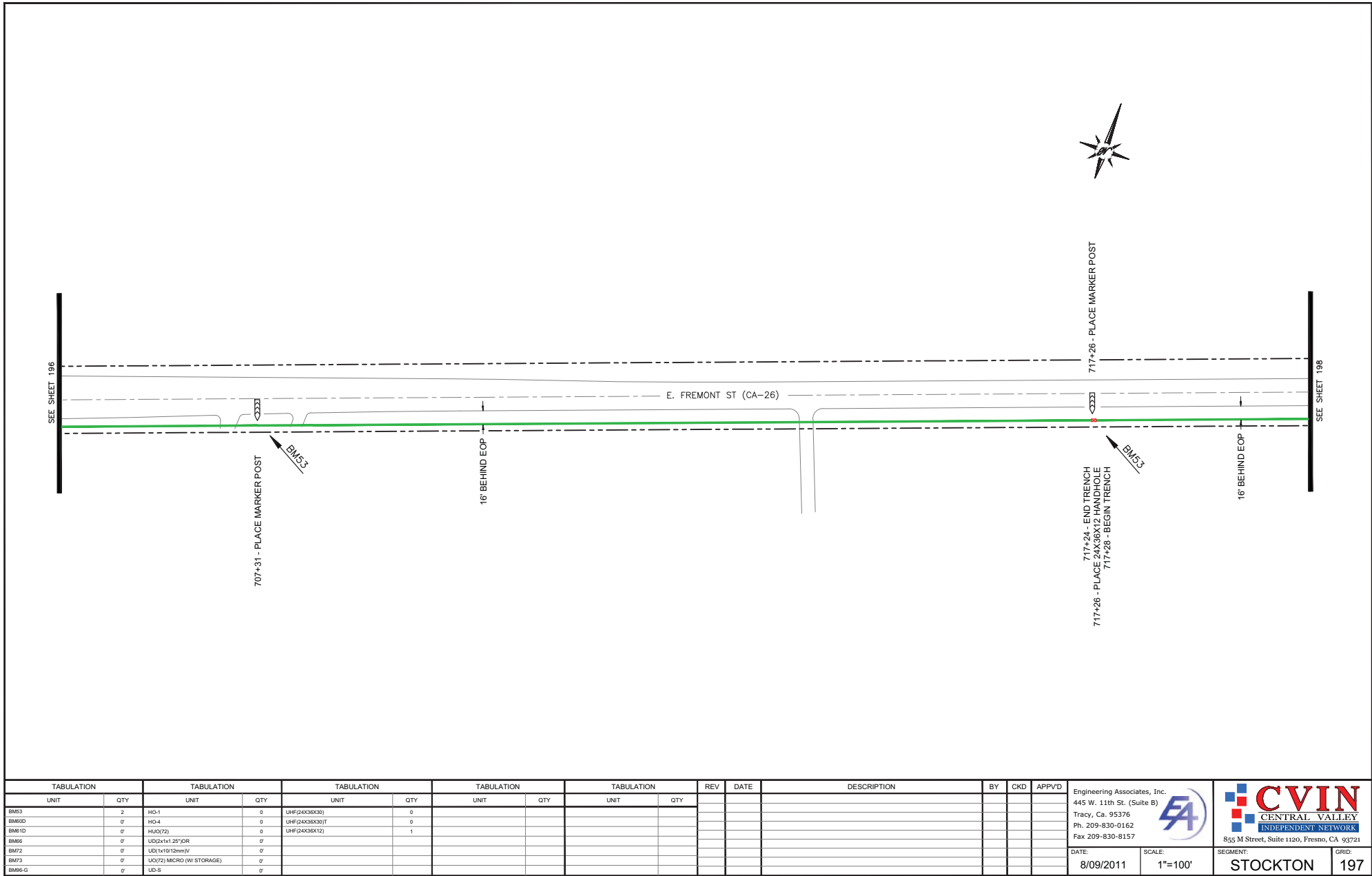


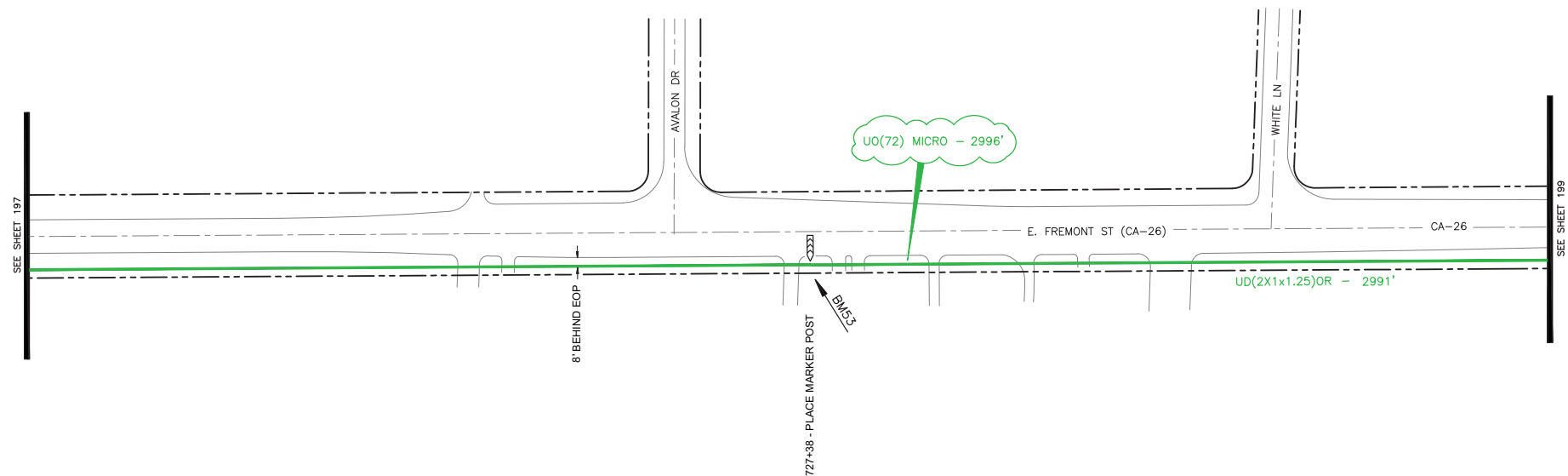




LEGEND:

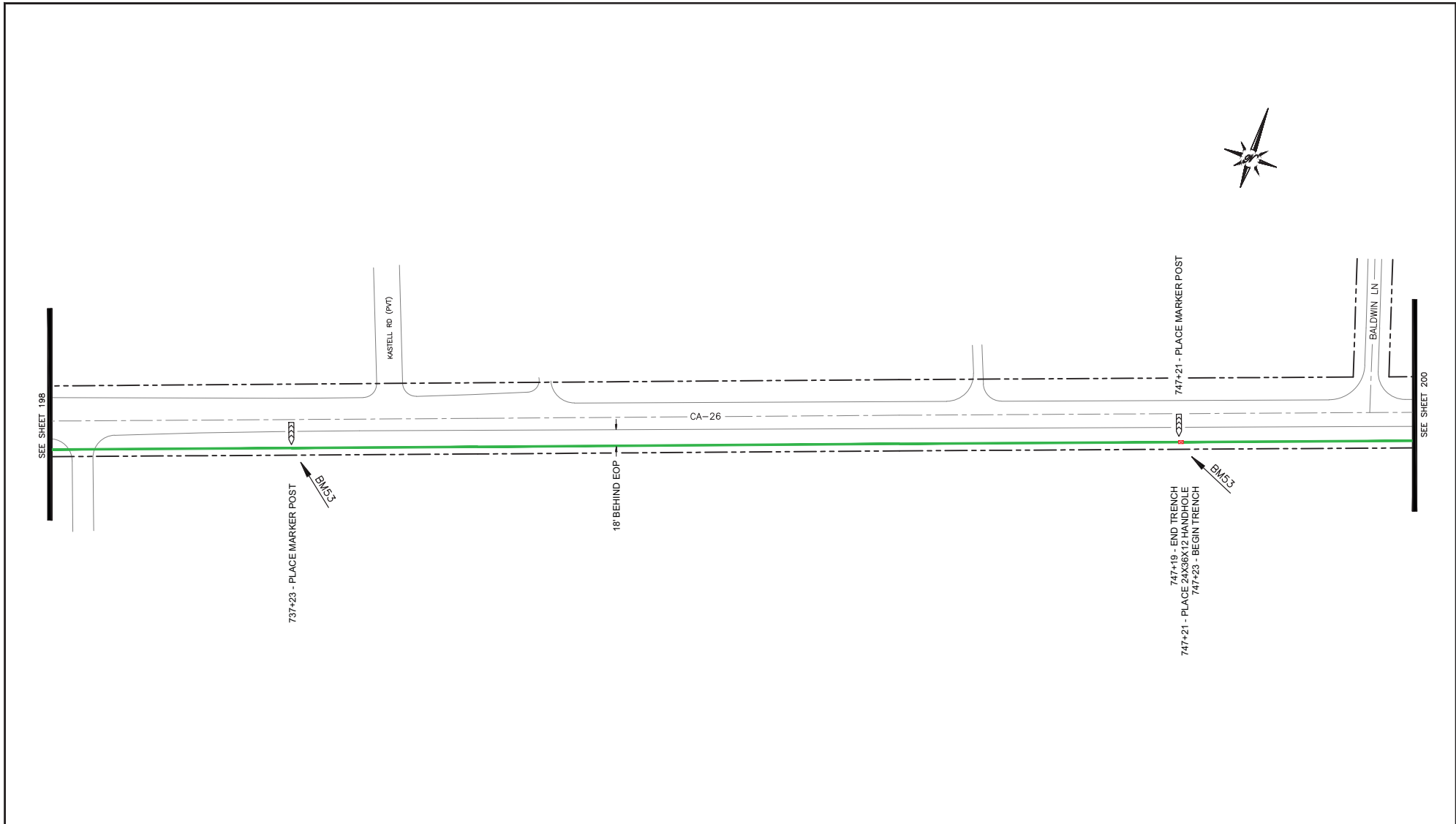
-  AVOIDANCE AREA.
-  SEASONAL & PERMANENT AQUATIC.



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPV'D	<div>Engineering Associates, Inc.</div> <div>445 W. 11th St. (Suite B)</div> <div>Tracy, Ca. 95376</div> <div>Ph. 209-830-0162</div> <div>Fax 209-830-8157</div> <div></div> <div></div>
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	1	8/30/11	BIOLOGICAL AVOIDANCE INFO				
BM53	1	HO-1	0	UHF(24X36X30)	0											
BM60D	0'	HO-4	0	UHF(24X36X30)T	0											
BM61D	0'	HO(72)	0	UHF(24X36X12)	0											
BM66	0'	UD(2x1x1.25')OR	2991'													
BM72	0'	UD(1x10'12mm)W	0'													
BM73	0'	UD(72) MICRO (W/ STORAGE)	2996'													<div>DATE:</div> <div>6/25/2011</div>
BM96-G	0'	UD-S	0'													
																<div>SCALE:</div> <div>1"=100'</div>
																<div>SEGMENT:</div> <div>STOCKTON</div>
																<div>GRID:</div> <div>196</div>

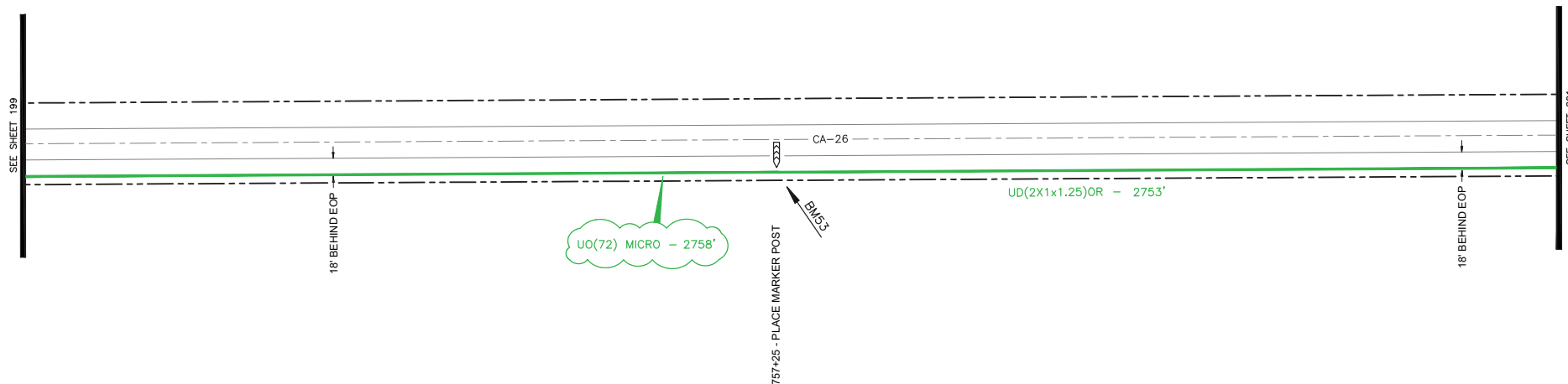




TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div>			
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY										
BM53	1	HO-1	0	UHF(24X36X30)	0														
BM500	0'	HO-4	0	UHF(24X36X30)T	0														
BM510	0'	HUO(72)	0	UHF(24X36X12)	0														
BM56	0'	UD(2x1x1.25)OR	2991'																
BM72	0'	UD(1x10'12mm)U	0'																
BM73	0'	UD(72) MICRO (W STORAGE)	2996'																
BM55-G	0'	UD-S	0'																
																	DATE:	SCALE:	SEGMENT:
																8/09/2011	1"=100'	STOCKTON	198





TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div><b>CVIN</b> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div>			
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY										
BM53	2	HO-1	0	UHF(24X36X30)	0														
BM500	0'	HO-4	0	UHF(24X36X30)T	0														
BM510	0'	HUO(72)	0	UHF(24X36X12)	1														
BM56	0'	UD(2x1x1.25")OR	0'																
BM72	0'	UD(1x10'12mm)U	0'																
BM73	0'	UD(72) MICRO (W/ STORAGE)	0'																
BM56-G	0'	UD-S	0'																
																	DATE:	SCALE:	SEGMENT:
																8/09/2011	1"=100'	STOCKTON	199



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY						
BM03	1	HO-1	0	UHF(24X36X30)	0										
BM000	0'	HO-4	0	UHF(24X36X30)T	0										
BM610	0'	HUO(72)	0	UHF(24X36X12)	0										
BM66	0'	UD(2x1x1.25)OR	2753												
BM72	0'	UD(1x10'12mm)U	0'												
BM73	0'	UO(72) MICRO (W STORAGE)	2758												
BM66-G	0'	UD-S	0'												

Engineering Associates, Inc.  
445 W. 11th St. (Suite B)  
Tracy, Ca. 95376  
Ph. 209-830-0162  
Fax 209-830-8157



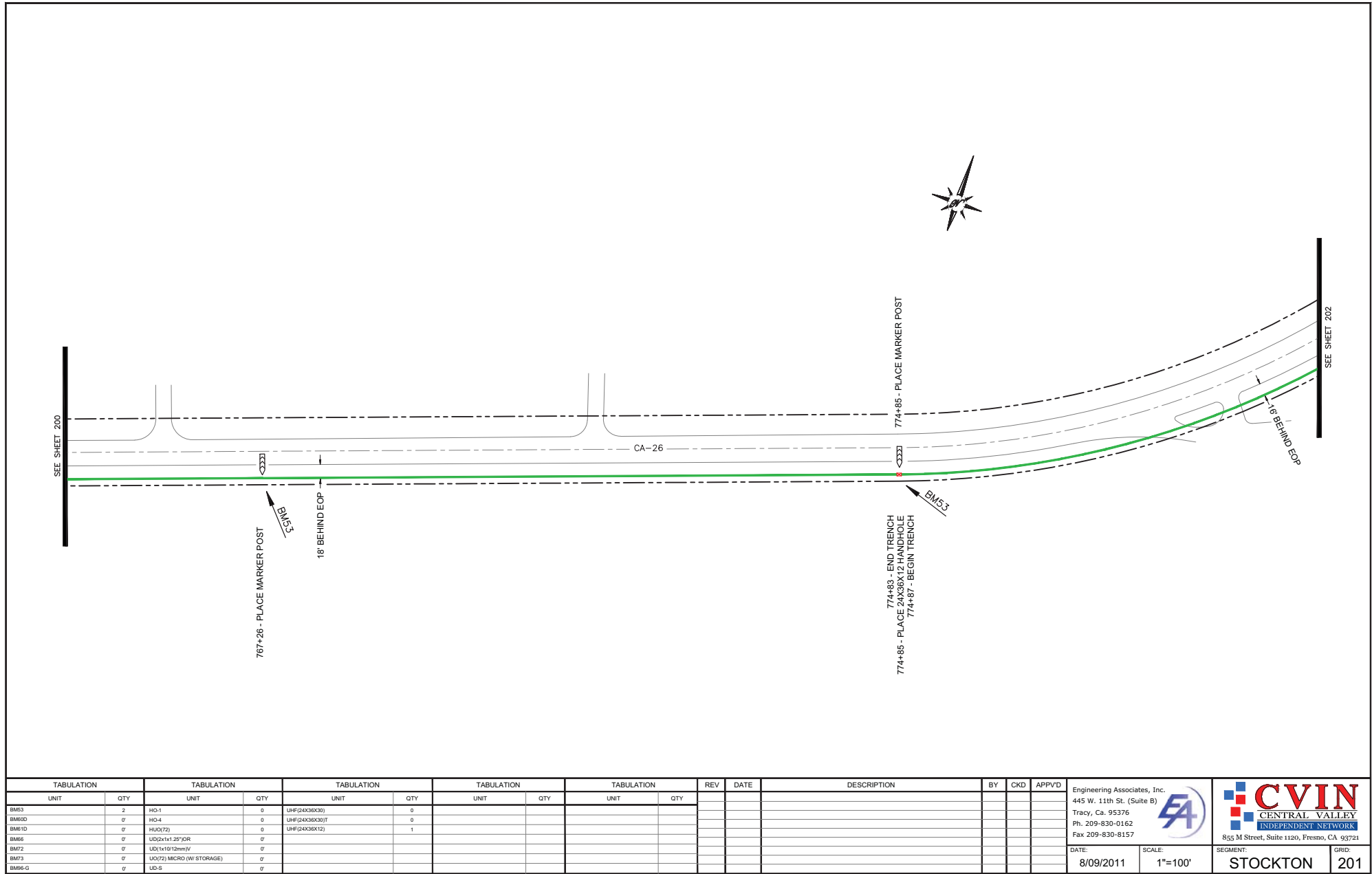
  
CENTRAL VALLEY  
INDEPENDENT NETWORK  
855 M Street, Suite 1120, Fresno, CA 93721

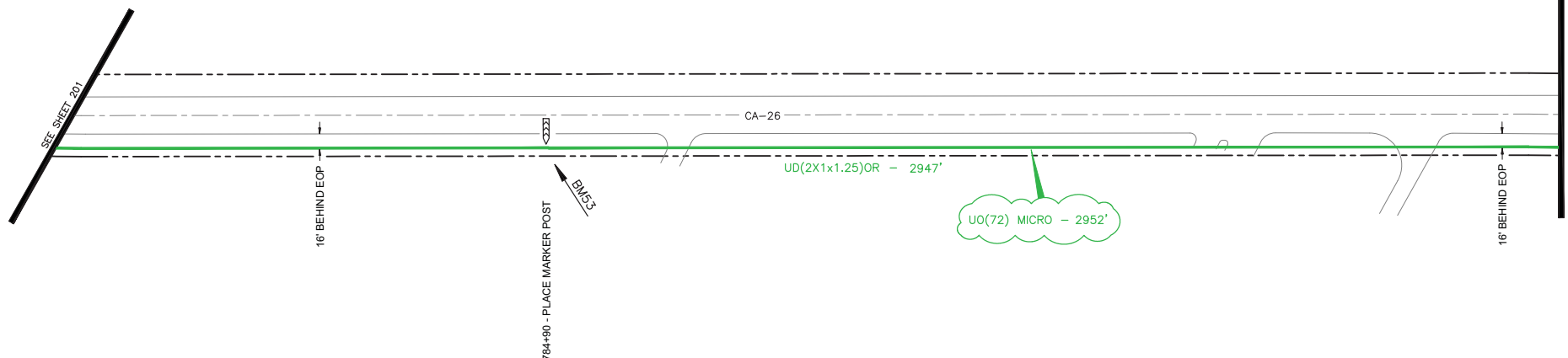
DATE:  
8/09/2011



SCALE:  
1"=100'

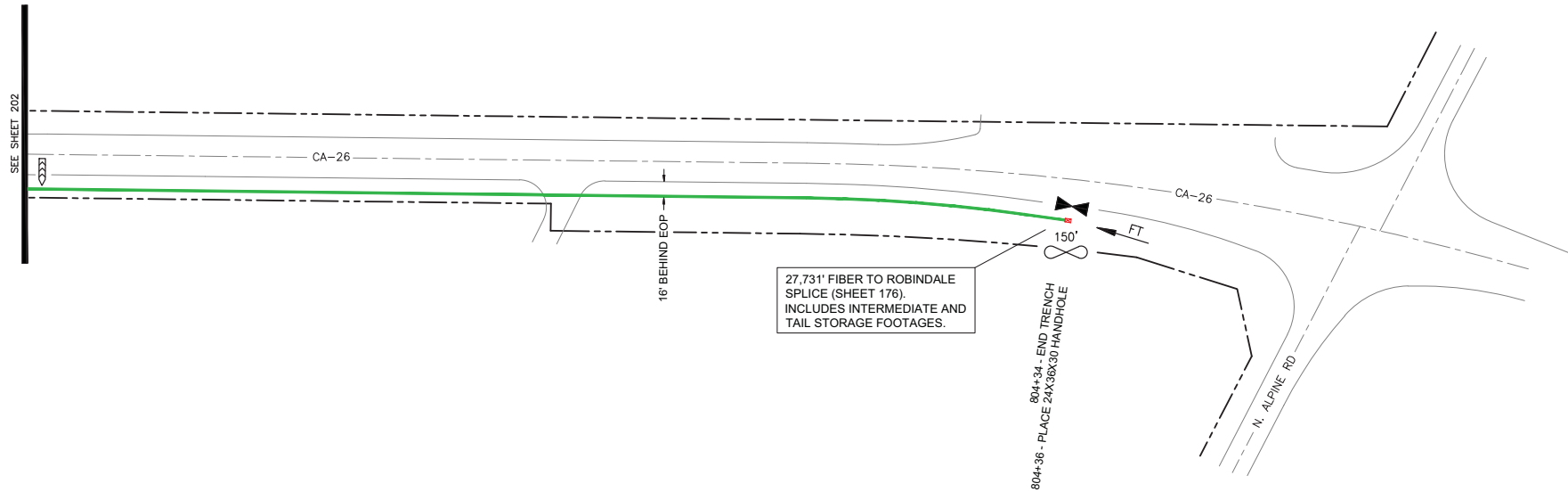
SEGMENT:  
STOCKTON



GRID:  
200





TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div><b>CVIN</b> CENTRAL VALLEY INDEPENDENT NETWORK 855 M Street, Suite 1120, Fresno, CA 93721</div>			
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY										
BM53	1	HO-1	0	UHF(24X36X30)	0														
BM600	0'	HO-4	0	UHF(24X36X30)T	0														
BM610	0'	HUO(72)	0	UHF(24X36X12)	0														
BM66	0'	UD(2x1x1.25)OR	2947'																
BM72	0'	UD(1x10'12mm)U	0'																
BM73	0'	UD(72) MICRO (W STORAGE)	2952'																
BM66-G	0'	UD-S	0'																
																	DATE: 8/09/2011	SCALE: 1"=100'	SEGMENT: STOCKTON



TABULATION		TABULATION		TABULATION		TABULATION		TABULATION		REV	DATE	DESCRIPTION	BY	CKD	APPVD	<div>Engineering Associates, Inc. 445 W. 11th St. (Suite B) Tracy, Ca. 95376 Ph. 209-830-0162 Fax 209-830-8157</div> <div></div> <div> 855 M Street, Suite 1120, Fresno, CA 95721</div>
UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY	UNIT	QTY							
BM03	0	HO-1	1	UHF(24X36X30)	1											
BM000	0	HO-4	0	UHF(24X36X30)T	0											
BM010	0	HUO(72)	1	UHF(24X36X12)	0											
BM06	0	UD(2x1x1.25")OR	0	FT	1											
BM72	0	UD(1x10'2mm)U	0													
BM73	0	UD(72) MICRO (W/ STORAGE)	150													
BM06-G	0	UD-S	0													
												DATE:	SCALE:	SEGMENT:	GRID:	
												8/09/2011	1"=100'	STOCKTON	203	