GENERAL NOTES

1. CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" AT (800) 227-2600 AT LEAST ONE (1) WEEK PRIOR TO START OF CONSTRUCTION FOR LOCATING UNDERGROUND UTILITIES.
2. CONTRACTOR IS TO VIDEO OR PHOTOGRAPH JOBSITE AREA TO DOCUMENT EXISTING CONDITIONS PRIOR TO START (i.e. CULVERTS, DRIVEWAYS, EXISTING PAVEMENT CONDITIONS, STRIPING, EDGE OF ROAD, PRIVATE PROPERTY, LANDSCAPING, FENCING, ETC.) TO MINIMIZE UNDUE CLAIMS. CONTRACTOR IS RESPONSIBLE FOR RETURNING ALL PROPERTY TO ORIGINAL OR BETTER CONDITION, INCLUDING TRAFFIC MARKINGS.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY TRAFFIC MARKERS AND/OR MARKINGS, INCLUDING PAINTED CURBS, WHICH ARE DAMAGED OR REMOVED DURING CONSTRUCTION. TEMPORARY MARKERS SHALL BE USED AND MAINTAINED DURING CONSTRUCTION.
4. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY LINES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL POTHOLE AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES IN ACCORDANCE WITH THE SPECIAL PROVISIONS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO TOWN OR OTHER UTILITIES CAUSED BY HIS OPERATIONS.
6. THE CONTRACTOR SHALL MAINTAIN REASONABLE ACCESS TO ALL DRIVEWAYS DURING CONSTRUCTION. MAIL AND REFUSE SERVICE SHALL BE MAINTAINED THROUGHOUT THE COURSE OF THIS PROJECT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OFF-SITE DISPOSAL OF ALL BITUMINOUS PAVEMENT, CONCRETE AND REINFORCEMENT, AND SPOILS NOT NEEDED FOR BACKFILL AS REQUIRED BY ALL APPLICABLE STATE AND FEDERAL REQUIREMENTS, THE ENGINEER, AND PER THE SPECIFICATIONS.
8. THE CONTRACTOR SHALL POSSESS A CLASS "A" LICENSE OR ANY OTHER LICENSE(S) REQUIRED BY THE STATE OF CALIFORNIA.
9. THE CONTRACTOR SHALL PROVIDE, AT PRE-CONSTRUCTION CONFERENCE, CONSTRUCTION SIGN LOCATIONS AND TRAFFIC HANDLING PLAN THAT WILL BE SUBJECT TO TOWN REVIEW AND APPROVAL.
10. THE CONTRACTOR SHALL PROVIDE THE USA TICKET NUMBER FOR THIS PROJECT TO THE TOWN PRIOR TO COMMENCING ANY EXCAVATIONS.
11. THE CONTRACTOR SHALL REPAIR/REPLACE ALL CONCRETE CURB, GUTTER, SIDEWALK, ACCESS RAMP AND LANDSCAPING DAMAGED OR REMOVED DURING CONSTRUCTION PER TOWN STANDARD DETAILS.
12. CONTRACTOR MAY UTILIZE NEARBY TOWN PROPERTY FOR STAGING OF EQUIPMENT AND MATERIALS. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE STAGING AREA SITE.

ABBREVIATIONS

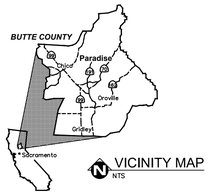
AC	- ASPHALT CONCRETE
BC	- BEGINNING OF CURVE
BLDG	- BUILDING
BW	- BACK OF WALK
C&G	- CURB AND GUTTER
CL	- CENTERLINE
CMP	- CORRUGATED METAL PIPE
CONC	- CONCRETE
CUL	- DRAINAGE CULVERT
DI	- DRAINAGE INLET
D/W	- DRIVEWAY
(E)	- EXISTING
EC	- END OF CURVE
EG	- EXISTING GROUND
ELEV	- ELEVATION
EP	- EDGE OF PAVEMENT
FC	- FACE OF CURB
FES	- FLARED END SECTION
FG	- FINISHED GROUND
FH	- FIRE HYDRANT
FL	- FLOWLINE
FS	- FINISHED SURFACE
GB	- GRADE BREAK
GUY	- GUY WIRE
HDPE	- HIGH DENSITY POLYETHYLENE
HCR	- HANDICAP RAMP
INV	- INVERT
IP	- IRON PIPE
LF	- LINEAL FEET
LIP	- LIP OF GUTTER
LT	- LEFT
MH	- MANHOLE
MOC	- MID POINT OF CURVE (APPROX.)
OC	- ON CENTER
O/H	- OVERHEAD
PROP	- PROPOSED
SBC	- SBC TELEPHONE
POC	- POINT OF CURVATURE
PG&E	- PACIFIC GAS AND ELECTRIC
PI	- POINT OF INTERSECTION
PC	- POINT OF CONNECTION
PT	- POINT OF TANGENCY
PUE	- PUBLIC UTILITY EASEMENT
PVC	- POLYVINYL CHLORIDE
PVI	- POINT OF VERTICAL INTERSECTION
RAD	- RADIUS
RCP	- REINFORCED CONCRETE PIPE
RT	- RIGHT
SD	- STORM DRAIN
SDMH	- STORM DRAIN MANHOLE
SS	- SANITARY SEWER
SSCO	- SANITARY SEWER CLEANOUT
SSMH	- SANITARY SEWER MANHOLE
STD	- STANDARD
STA	- STATION
S/W	- SIDEWALK
TBC	- TOP BACK OF CURB
TBM	- TEMPORARY BENCHMARK
TOP X	- FLOWLINE CURB & GUTTER @ "TOP-X" D/W
W	- WATER
WV	- WATER VALVE
R&R	- REMOVE & REPLACE

PROJECT PLANS FOR

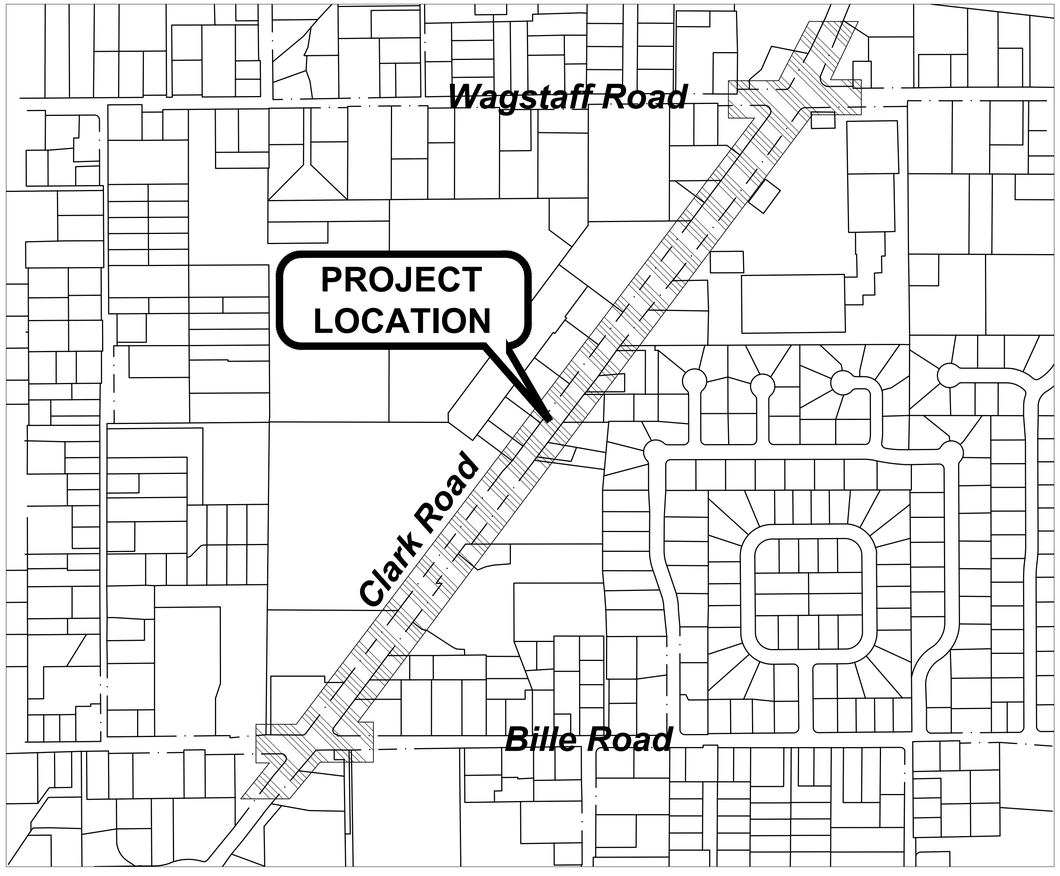
Clark Road Safety Enhancements

FEDERAL PROJECT NO. HSIPL 5425 (028)

AUGUST 2015
TOWN OF PARADISE



BUTTE COUNTY, CALIFORNIA
FOR USE IN CONJUNCTION WITH:
CALTRANS STANDARD PLANS 2010
CALTRANS STANDARD SPECIFICATIONS 2010
TOWN OF PARADISE DESIGN AND CONSTRUCTION DETAILS



PROJECT LOCATION MAP
NTS

LEGEND

- EXISTING TREE AS NOTED
- 1583.20 – EX SPOT ELEVATION
- EX WATER METER
- WV – EX WATER VALVE
- EX HYDRANT
- EX WATER IRR VALVE
- EX GAS HH
- EX POWER POLE & GUY
- M – EX MAIL BOX(S)
- EX ROAD/STREET SIGN
- W – EX MONITORING WELL
- T – EX TRAFFIC SIGNAL
- EX LIGHT
- EX FLOWLINE
- EX TOP OF SLOPE
- EX FENCE
- EX GRADE BREAK
- EX WHITE PAINT LINE
- EX CENTERLINE
- DRAINAGE INLET
- PAC BELL LID
- GAS – GAS VALVE
- 1 – CURB
- 2 – TRAFFIC BOX
- 3 – CONCRETE WALK
- P – PAC BELL MANHOLE

CALL BEFORE YOU DIG
2 WORKING DAYS
CALL "USA" TOLL FREE
1-800-227-2600

UNDERGROUND SERVICE ALERT
THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES TWO (2) WORKING DAYS PRIOR TO GRADING OR DIGGING

BENCH MARK

THE BENCH MARK USED FOR THIS PROJECT IS BUTTE COUNTY BENCH MARK NO. 991 BEING A BRASS DISK IN CONCRETE CURB 7' SOUTH OF THE NORTH DRIVEWAY OF ROSE CHAPEL. ELEVATION =2047.82

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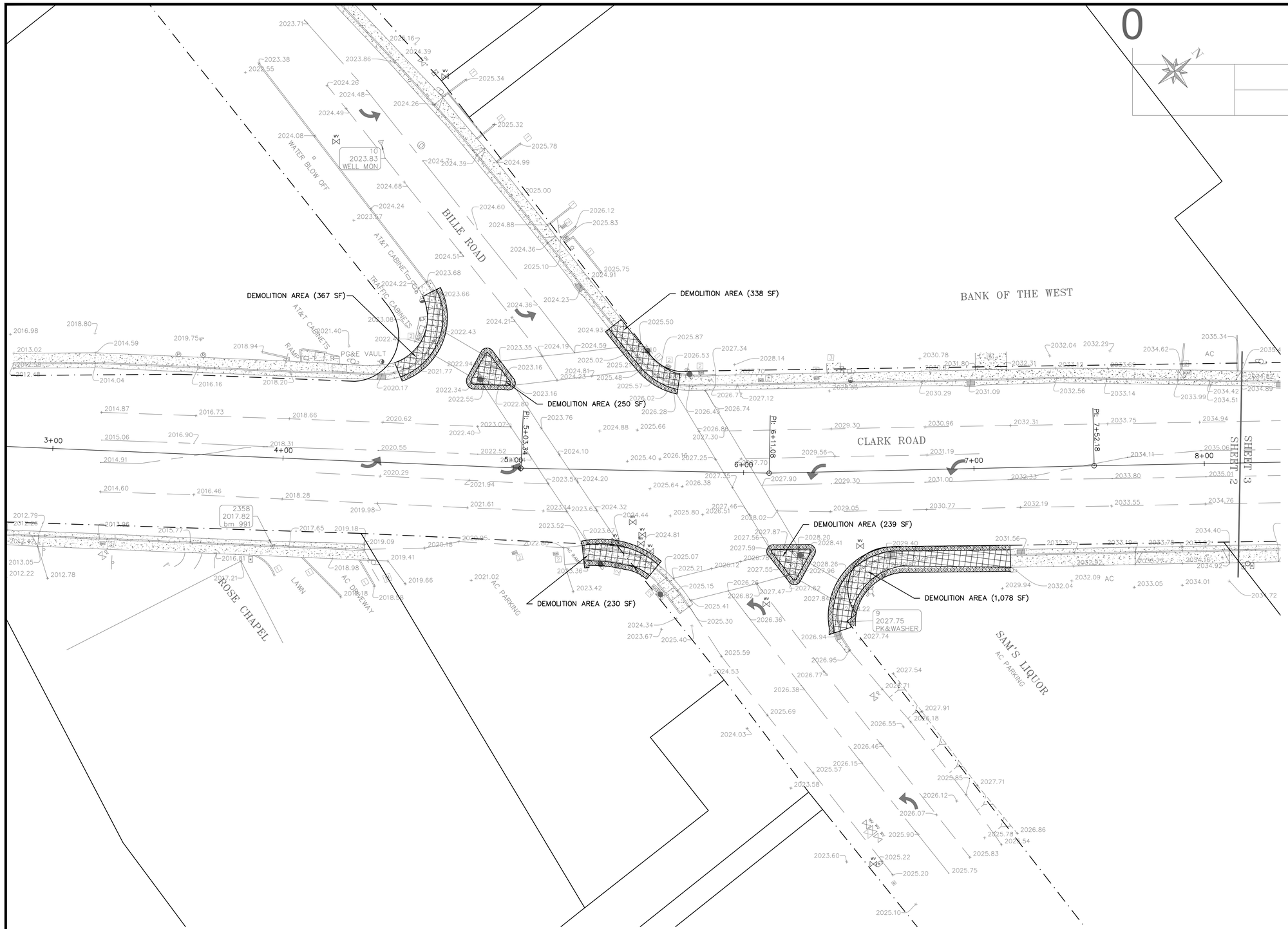
Approved on August 11, 2015 by
Town of Paradise Town Council

Joanna Gutierrez, Town Clerk

LICENSED PROFESSIONAL ENGINEER
Marc A. Mattox
No. C79885
CIVIL
STATE OF CALIFORNIA

Clark Road Safety Enhancements Cover Sheet		Sheet 01 of 13 Sheets
Date of Plans: August 12, 2015		**Town of Paradise** 5555 Skyway Paradise, CA 95969 (530) 872-6291
Design By: Marc A. Mattox		
Reviewed By: Staff	Drawing Scale NTS	
Drawing Number: 14-05		



SHEET NOTES 20

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Clark Road Safety Enhancements
Existing Conditions & Demolition Plan
STA 3+00 to 8+00

Sheet 02 of 13 Sheets

Date of Plans: August 12, 2015
Design By: Marc A. Mattox
Reviewed By: Staff
Drawing Number: 14-05
Drawing Scale 1" = 20'

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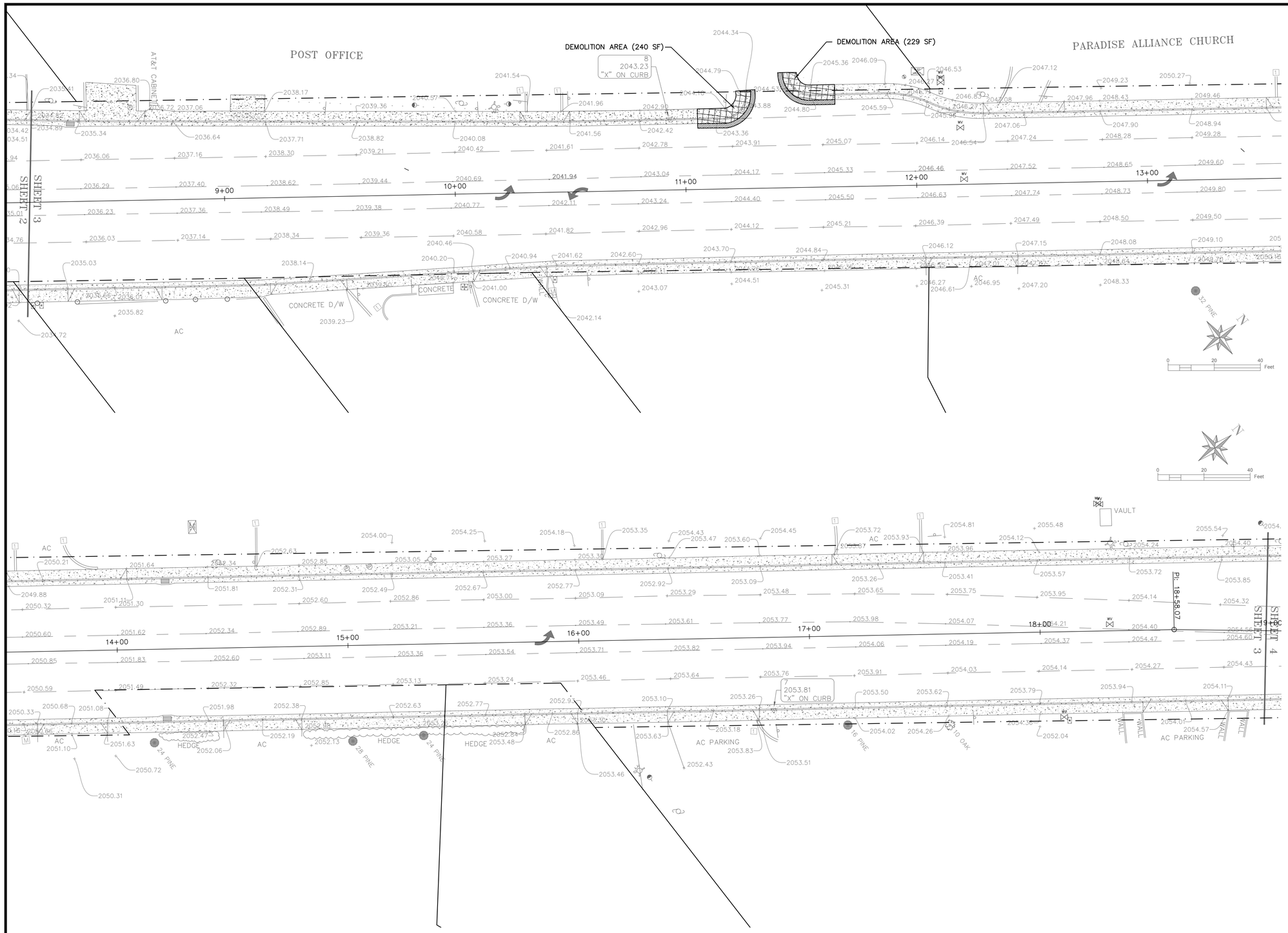

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Clark Road Safety Enhancements
Existing Conditions & Demolition Plan
STA 8+00 to 19+00

Sheet 03 of 13 Sheets

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Design By: Marc A. Mattox	
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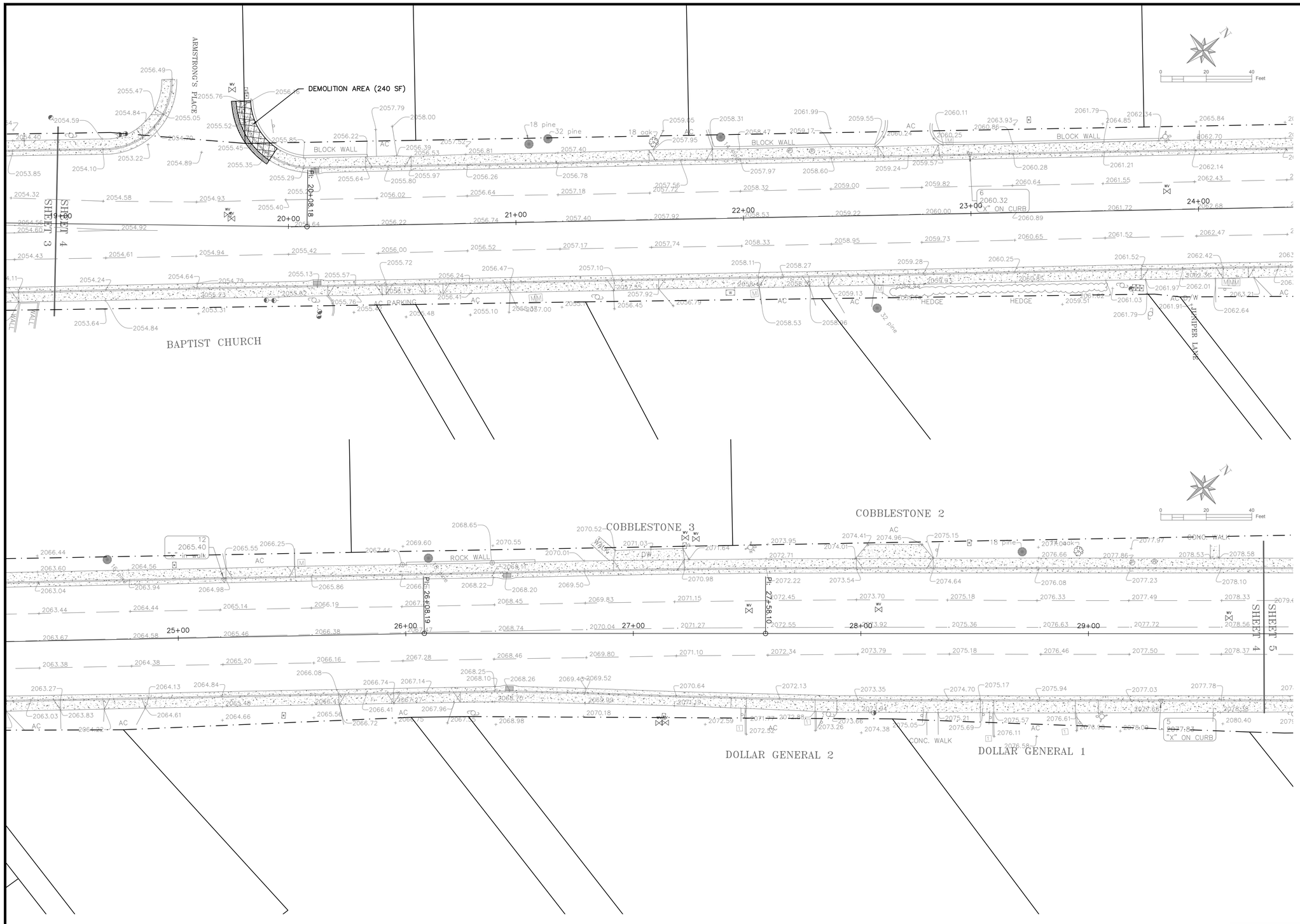

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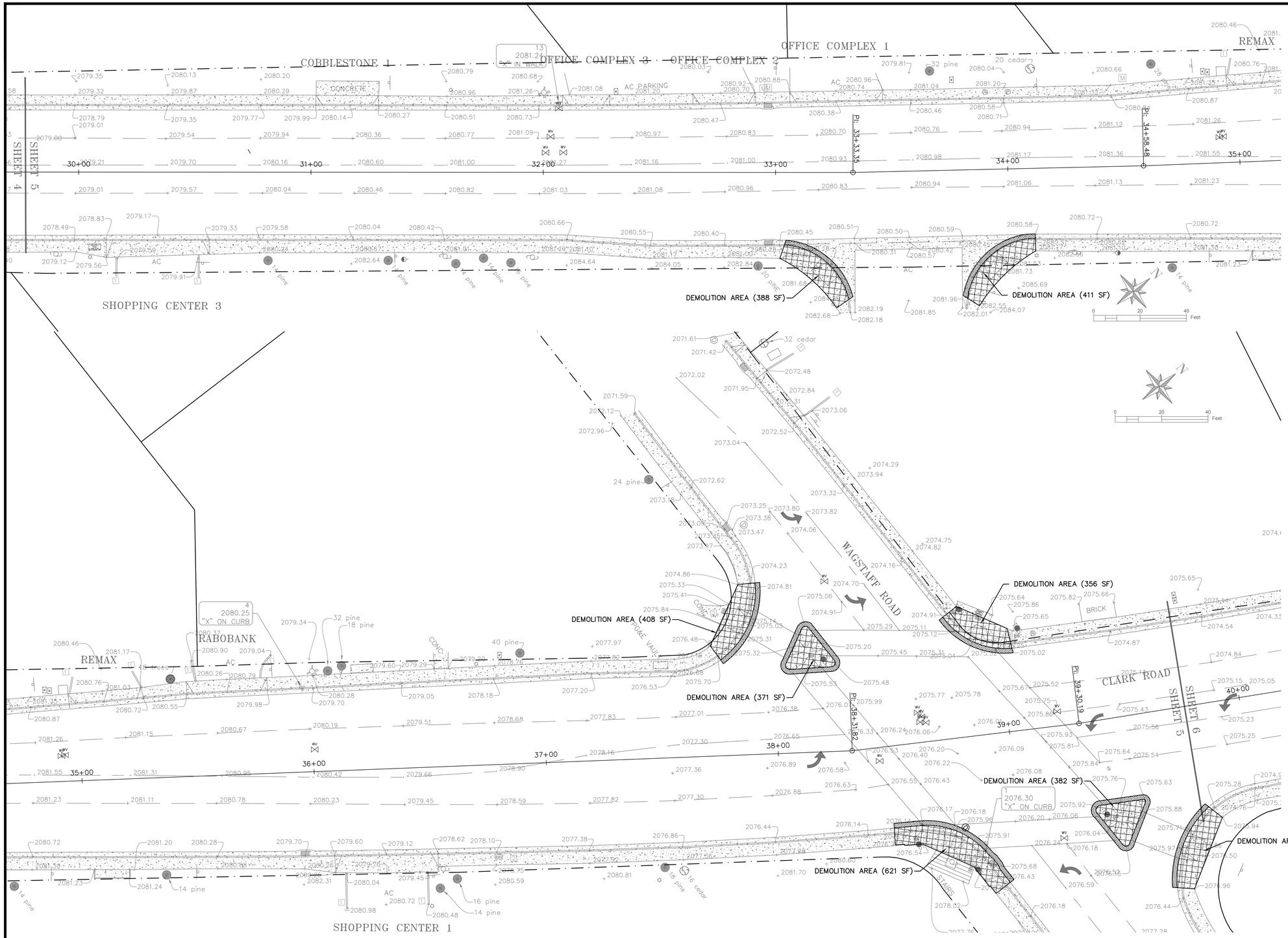

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Clark Road Safety Enhancements
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STA 29+75 to 39+75

Sheet 05 of 13 Sheets

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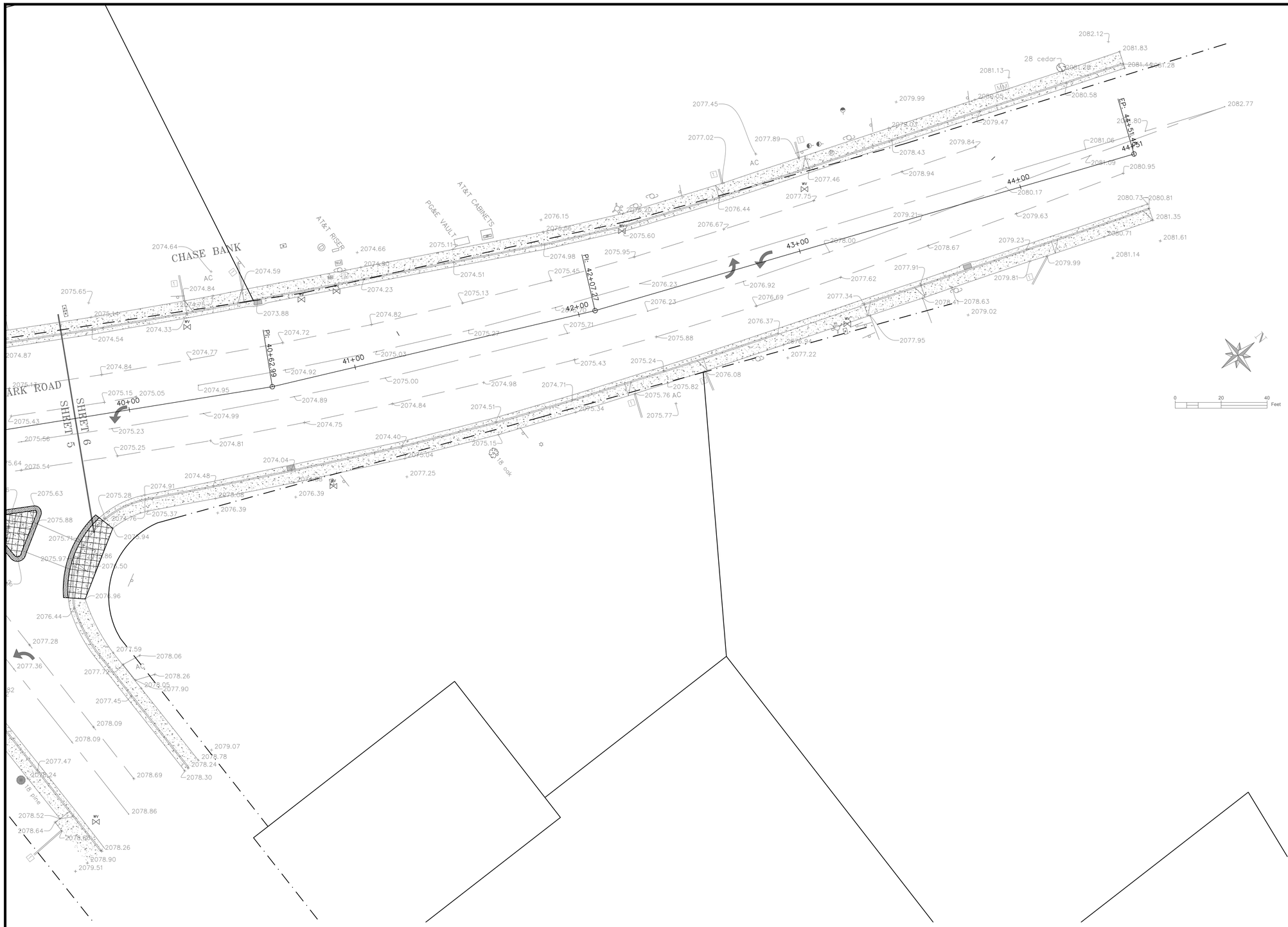

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Sheet 06 of 13 Sheets

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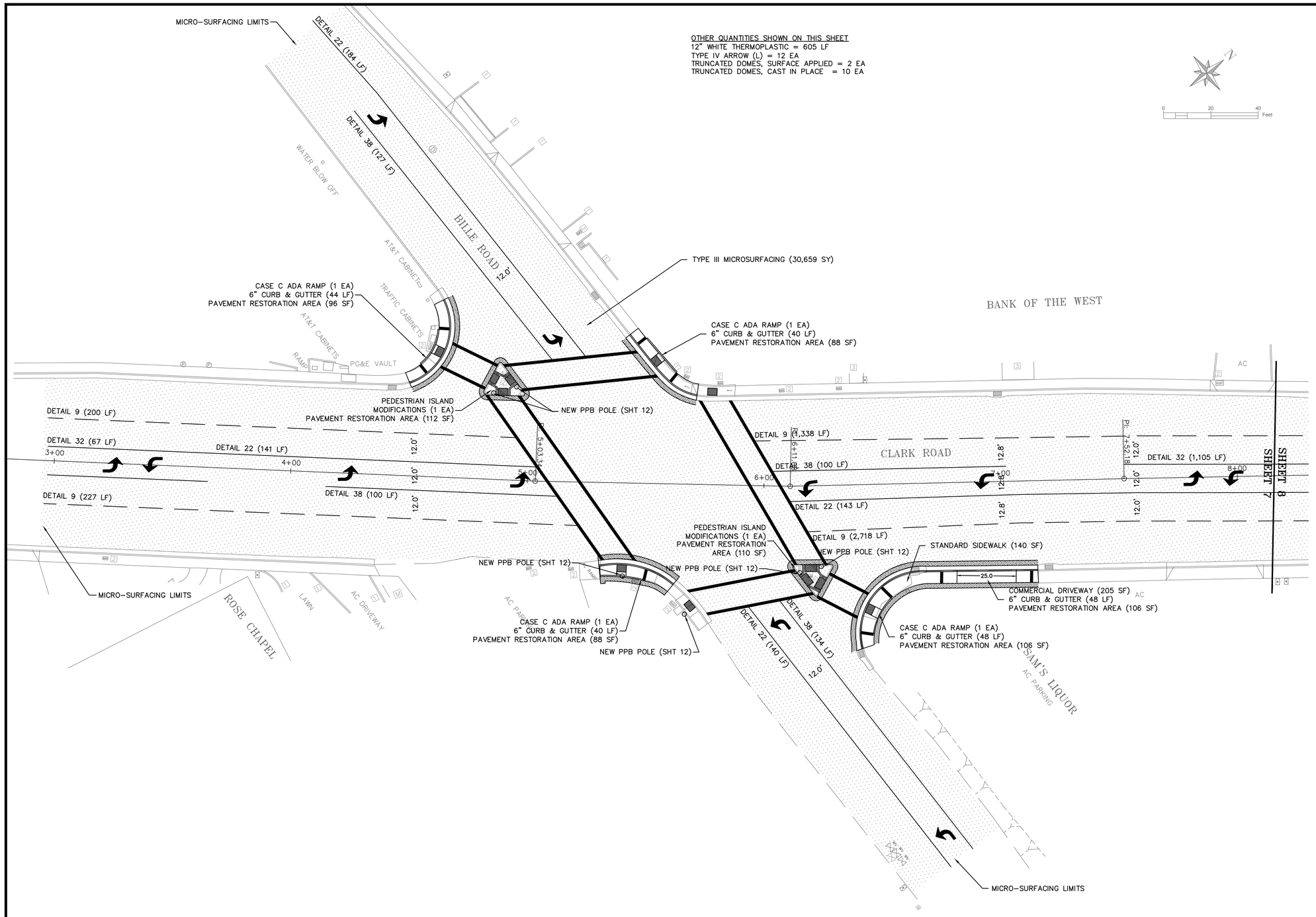

SHEET NOTES

1. MICROSURFACING SHALL BE TYPE III AND COMPLY WITH PROJECT SPECIFICATIONS. MICROSURFACING OPERATIONS ARE LIMITED TO 7PM-7AM FOR NIGHT WORK. CONTRACTOR SHALL PERFORM THEIR OPERATIONS WITH AN APPROVED TRAFFIC CONTROL PLAN FOR THE EFFORTS.
2. CONTRACTOR SHALL COVER AND PROTECT EXISTING UTILITY LIDS AND VAULTS FROM MICROSURFACING EMULSION. A PRE- AND POST-MICROSURFACING UTILITY LID COUNT SHALL BE COMPLETED TO ENSURE ALL LIDS REMAIN EXPOSED AND ACCESSIBLE.
3. CONSTRUCT CASE "C" PEDESTRIAN ACCESS RAMP PER CALTRANS DETAIL A88A. ALL EDGES SHALL BE SAWCUT OR REMOVED TO NEAREST JOINT. DEMOLITION LIMITS MAY DIFFER THAN AS SHOWN ON THE PLANS. RAMPS SHALL BE CONSTRUCTED TO COMPLY WITH APPROPRIATE ADA STANDARD DETAILS. EACH RAMP IS PAID BY THE EACH COMPLETED. CONFIRM LIMITS WITH TOWN ENGINEER.
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Sheet 07 of 13 Sheets

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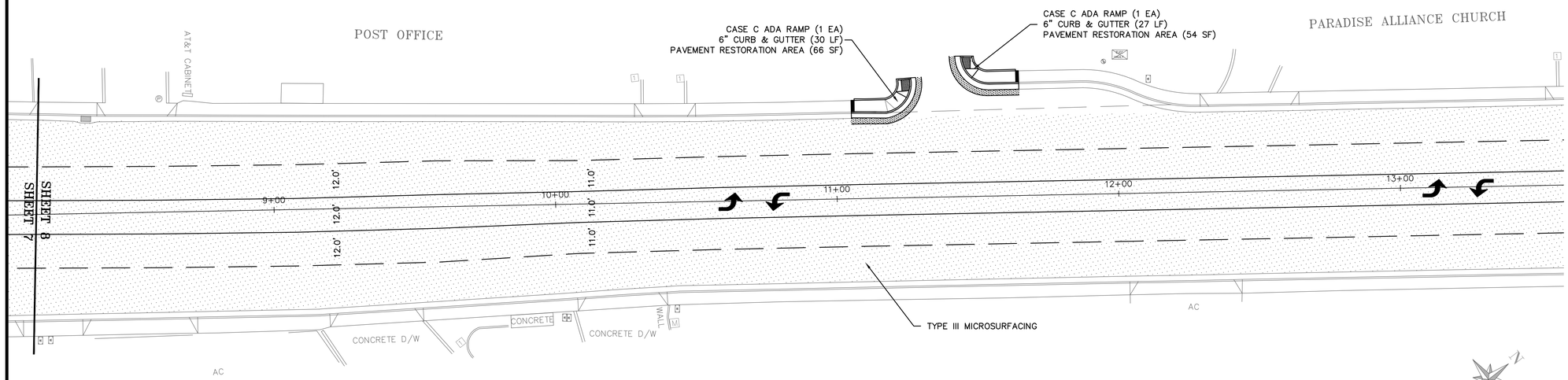
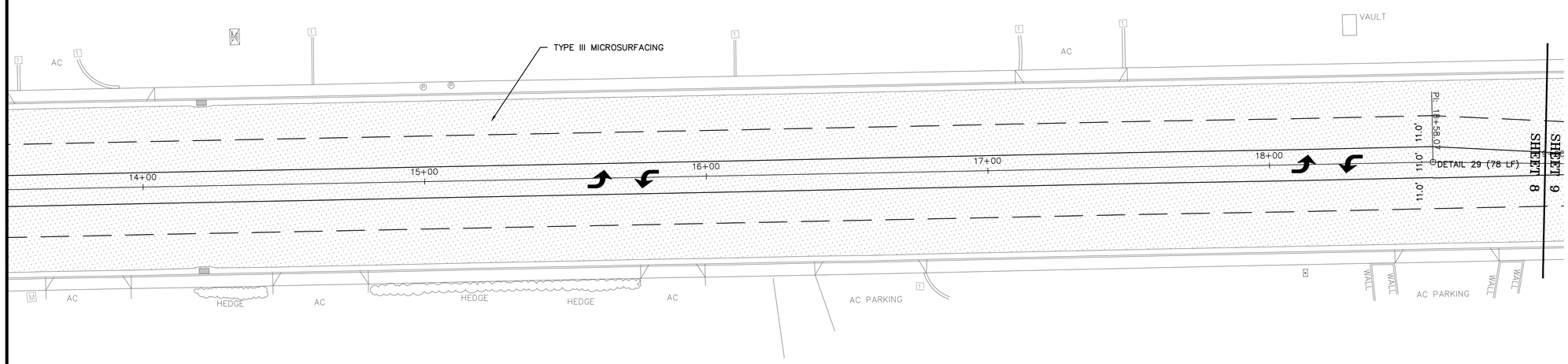


OTHER QUANTITIES SHOWN ON THIS SHEET
TYPE IV ARROW (L) = 8 EA
TRUNCATED DOMES, CAST IN PLACE = 2 EA



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Sheet 08 of 13 Sheets

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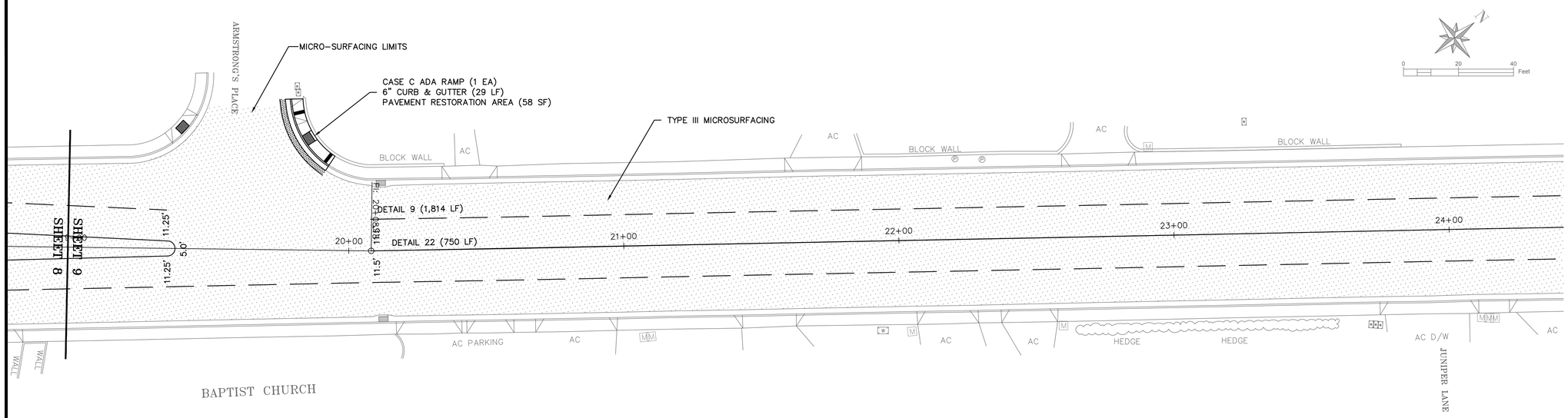
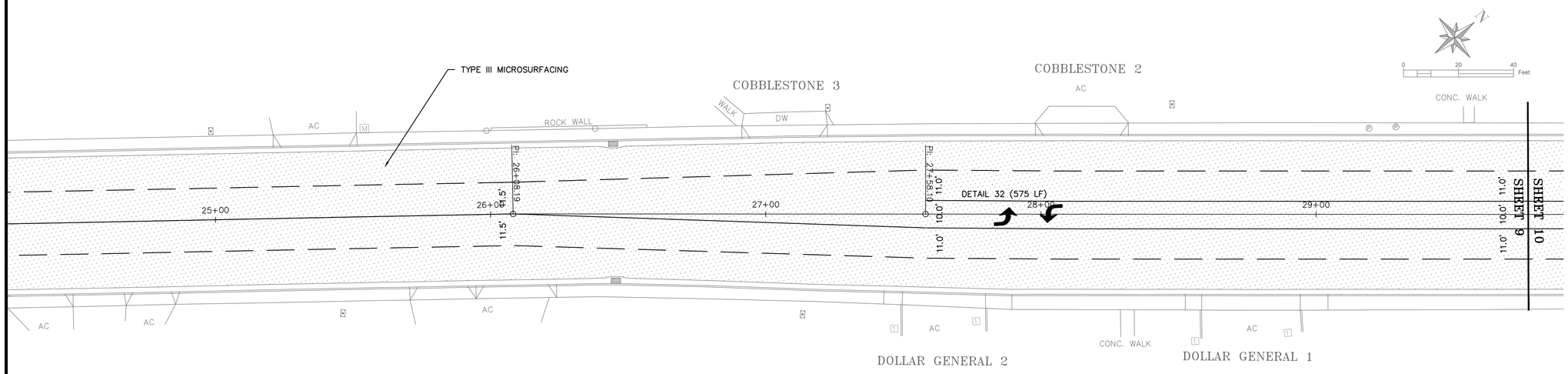


OTHER QUANTITIES SHOWN ON THIS SHEET
TYPE IV ARROW (L) = 2 EA
TRUNCATED DOMES, CAST IN PLACE = 1 EA
TRUNCATED DOMES, SURFACE APPLIED = 1 EA



SHEET NOTES

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6. REFERENCE SHEET 12 FOR ELECTRICAL / SIGNAL UPGRADES AND MODIFICATIONS. INSTALLATION OF PPB POLES SHALL COMPLY WITH ADA REQUIREMENTS FOR HEIGHT LOCATION A ND PROXIMITY TO ADJACENT SLOPES.
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12. REFERENCE SHEET 13 FOR STANDARD DETAILS INCLUDING ADA RAMPS AND STRIPING

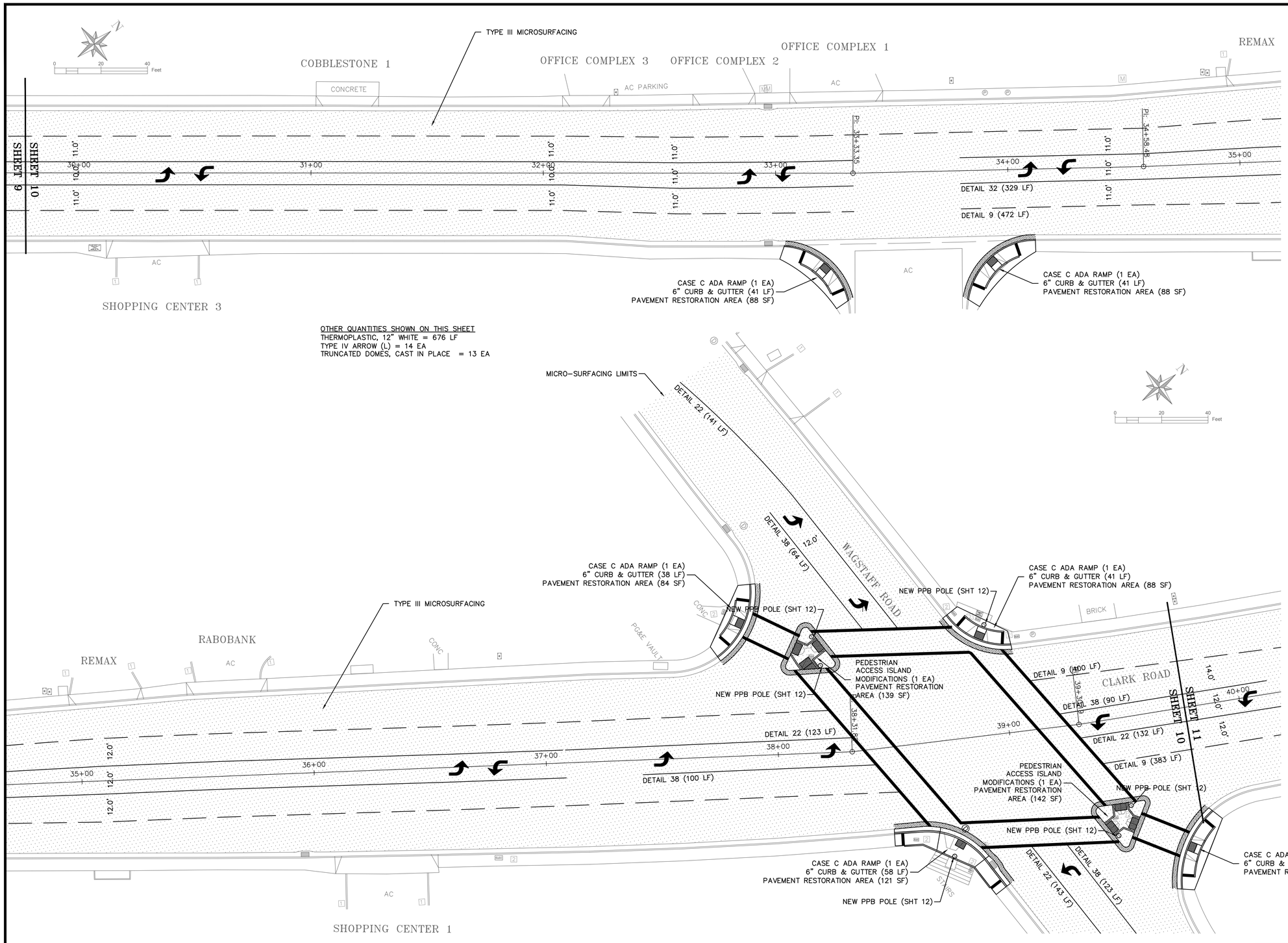
LICENSED PROFESSIONAL ENGINEER
Marc A. Mattox
No. C79885
CIVIL
STATE OF CALIFORNIA

Clark Road Safety Enhancements
Improvements Plan
STA 19+00 to 29+75

Sheet 09 of 13 Sheets

Date of Plans: August 12, 2015	
Design By: Marc A. Mattox	
Reviewed By: Staff	Drawing Scale 1" = 20'
Drawing Number: 14-05	

Town of Paradise
5555 Skyway
Paradise, CA 95969
(530) 872-6291



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Clark Road Safety Enhancements
Improvements Plan
STA 29+75 to 39+75

Sheet 10 of 13 Sheets

Date of Plans: August 12, 2015
Design By: Marc A. Mattox
Reviewed By: Staff
Drawing Number: 14-05
Drawing Scale 1" = 20'

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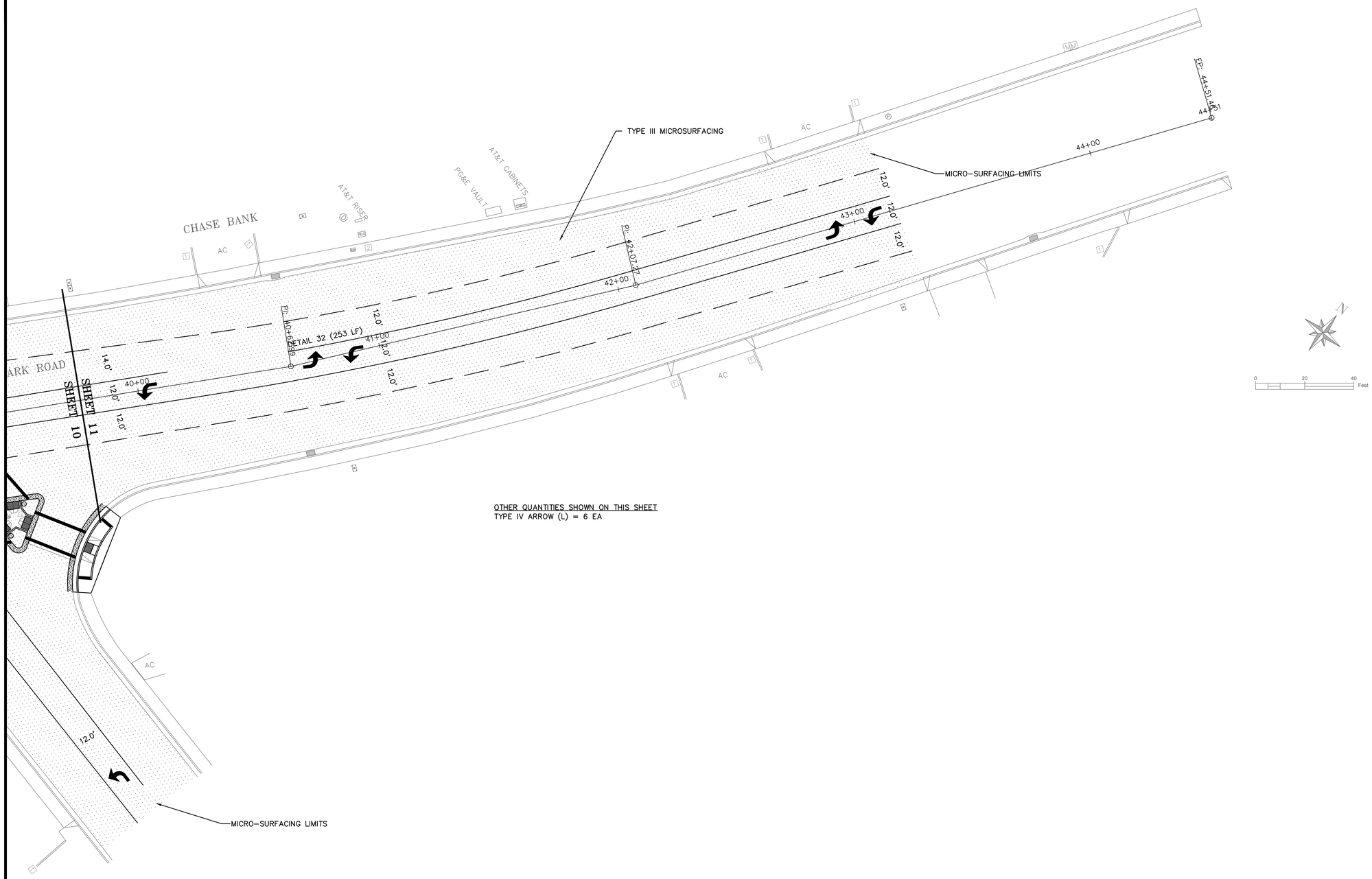
5555 Skyway
Paradise, CA 95969
(530) 872-6291



OTHER QUANTITIES SHOWN ON THIS SHEET
TYPE IV ARROW (L) = 6 EA

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Clark Road Safety Enhancements
Improvements Plan
STA 39+75 to 44+50

Sheet 11 of 13 Sheets

Date of Plans: August 12, 2015
Design By: Marc A. Mattox
Reviewed By: Staff
Drawing Number: 14-05
Drawing Scale 1" = 20'

Town of Paradise
5555 Skyway
Paradise, CA 95969
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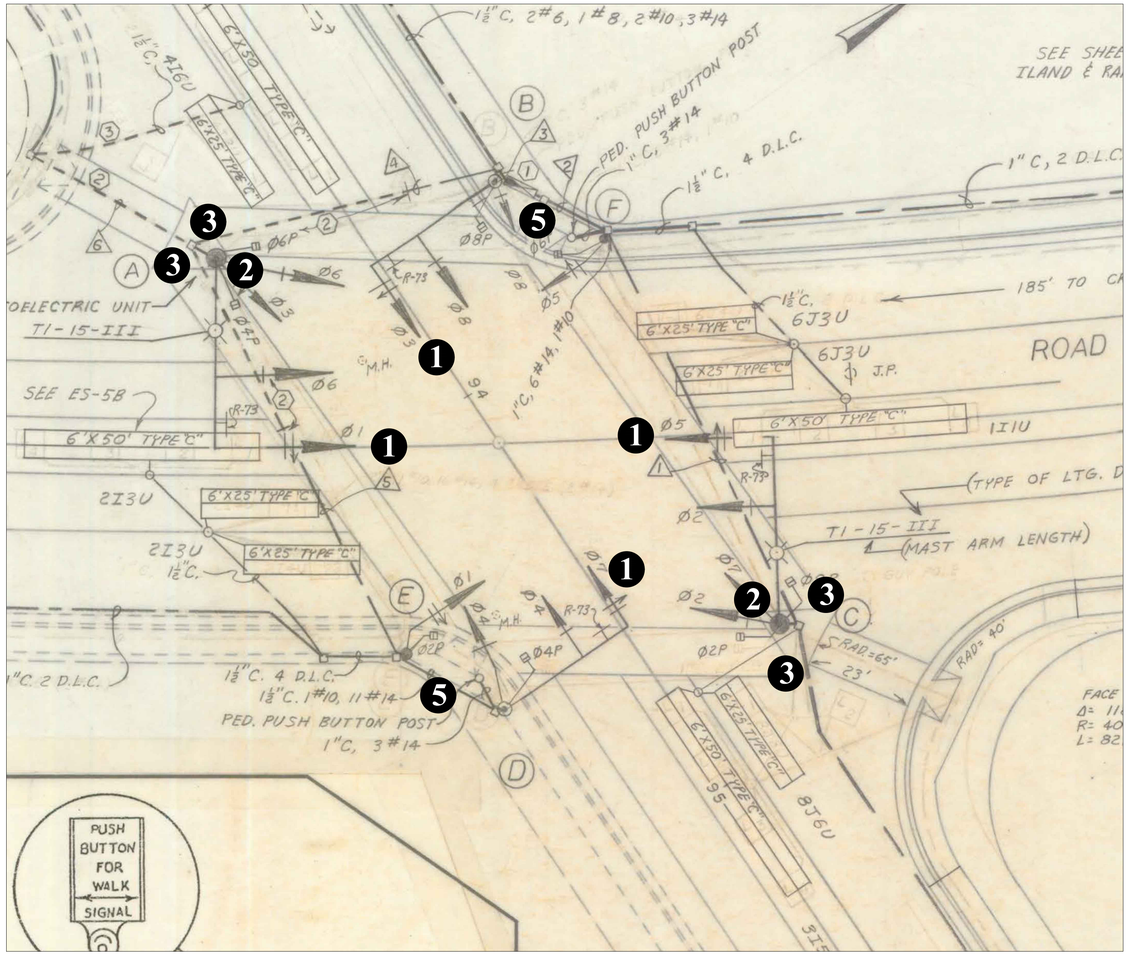
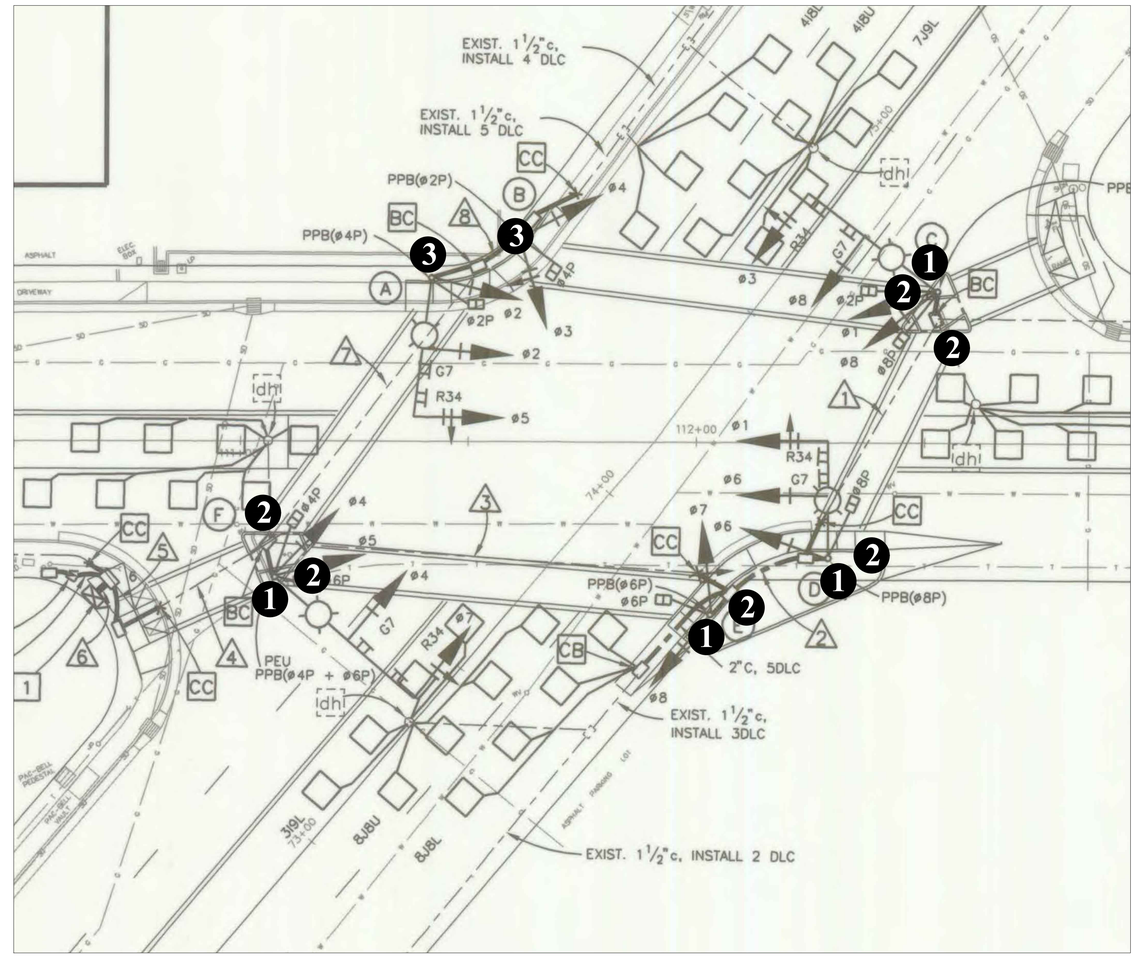


CLARK AT WAGSTAFF SIGNAL UPGRADES

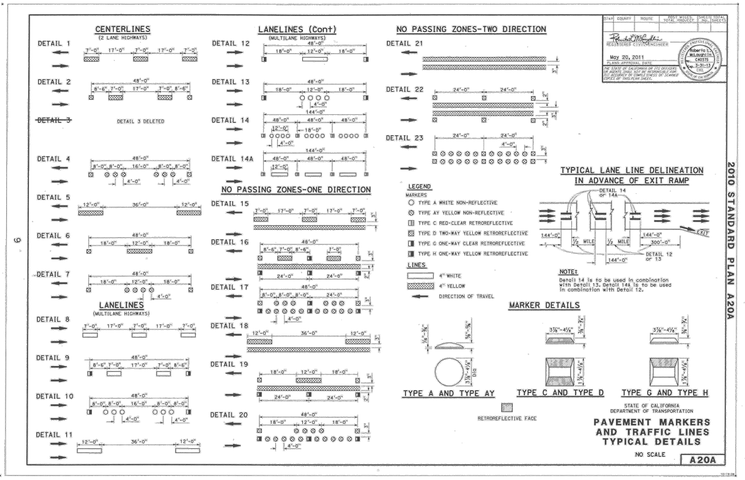
1. REPLACE LEFT TURN SIGNAL HEAD AND BACKPLATE WITH NEW LED R, Y, G 12" LEFT TURN ARROWS AND CALTRANS STD BACKPLATE
2. REMOVE EXISTING PEDESTRIAN PUSHBUTTON, WELD ANY HOLES ON SIGNAL POLE
3. INSTALL NEW POLARA NAVIGATOR, OR APPROVED EQUAL ADA/MUTCD COMPLIANT PUSHBUTTON ON 32" PPB POLE
4. REPLACE EXISTING PEDESTRIAN PUSHBUTTON ON POLE WITH POLARA NAVIGATOR, OR APPROVED EQUAL ADA/MUTCD COMPLIANT PUSHBUTTON.
5. REMOVE EXISTING DOUBLE PEDESTRIAN PUSH BUTTON POST AND INSTALL NEW PEDESTRIAN PUSHBUTTON POST AT CENTER OF RAMP. INSTALL TWO POLARA NAVIGATORS OR APPROVED EQUAL ADA/MUTCD COMPLIANT PUSHBUTTON.

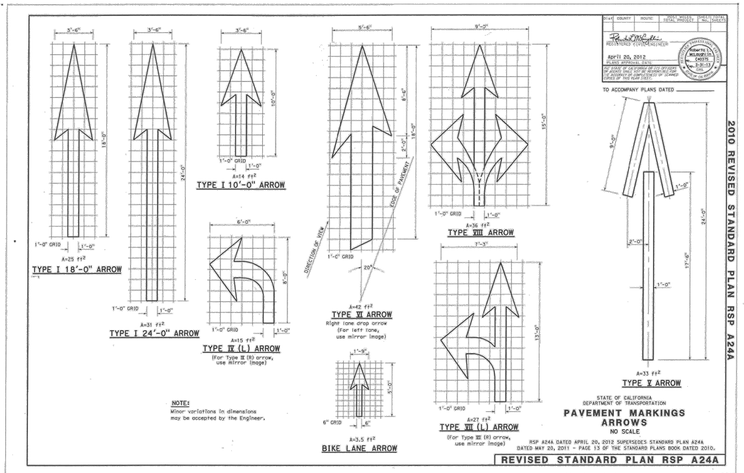
CLARK AT BILLE SIGNAL UPGRADES

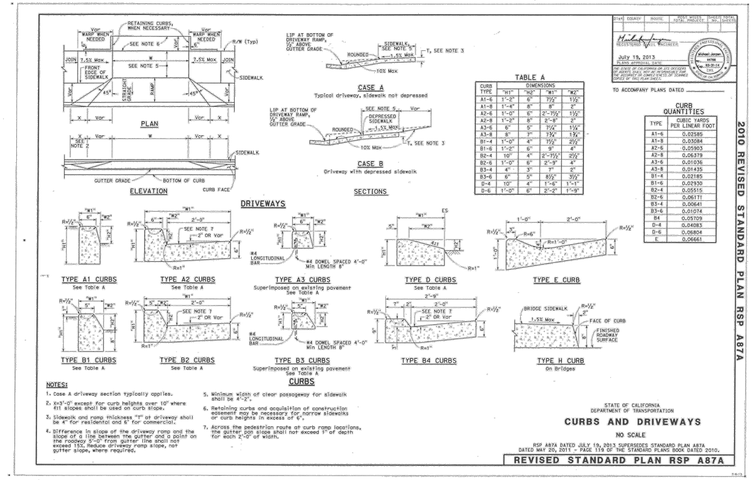
1. REMOVE EXISTING PEDESTRIAN PUSHBUTTON, WELD ANY HOLES ON SIGNAL POLE
2. INSTALL NEW POLARA NAVIGATOR, OR APPROVED EQUAL ADA/MUTCD COMPLIANT PUSHBUTTON ON 32" PPB POLE
3. REPLACE EXISTING PEDESTRIAN PUSHBUTTON ON POLE WITH POLARA NAVIGATOR, OR APPROVED EQUAL ADA/MUTCD COMPLIANT PUSHBUTTON.
4. REMOVE EXISTING DOUBLE PEDESTRIAN PUSH BUTTON POST AND INSTALL NEW PEDESTRIAN PUSHBUTTON POSTS AT EACH TOP LANDINGS OF RAMP. INSTALL POLARA NAVIGATORS OR APPROVED EQUAL ADA/MUTCD COMPLIANT PUSHBUTTON.

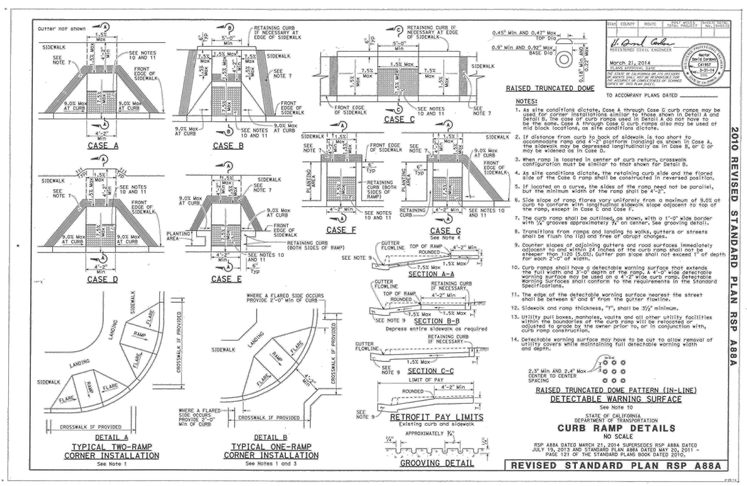


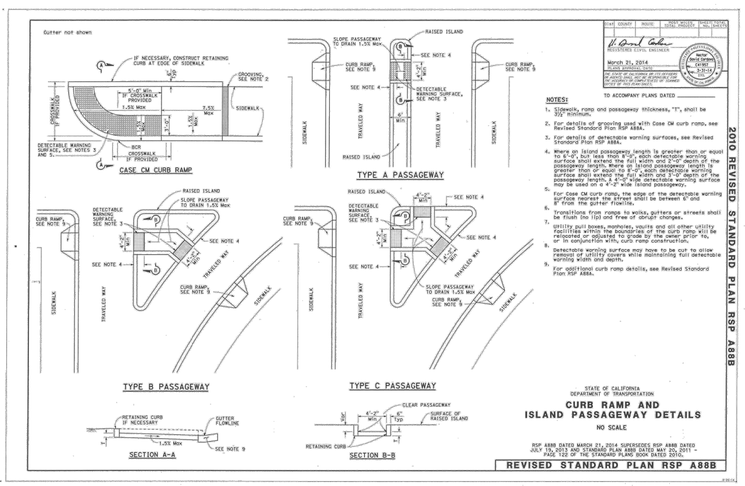
LICENSED PROFESSIONAL ENGINEER — Marc A. Mattox No. C79885 — CIVIL — STATE OF CALIFORNIA	**Clark Road Safety Enhancements** Signal Upgrades and Modifications	Sheet 12 of 13 Sheets
	Date of Plans: August 12, 2015	**Town of Paradise** 5555 Skyway Paradise, CA 95969 (530) 872-6291
	Design By: Marc A. Mattox	
	Reviewed By: Staff	Drawing Scale NTS
	Drawing Number: 14-05	











LICENSED PROFESSIONAL ENGINEER Marc A. Mattox No. C79885 CIVIL STATE OF CALIFORNIA	**Clark Road Safety Enhancements** Standard Details		Sheet 13 of 13 Sheets
	Date of Plans: August 12, 2015		**Town of Paradise** 5555 Skyway Paradise, CA 95969 (530) 872-6291
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