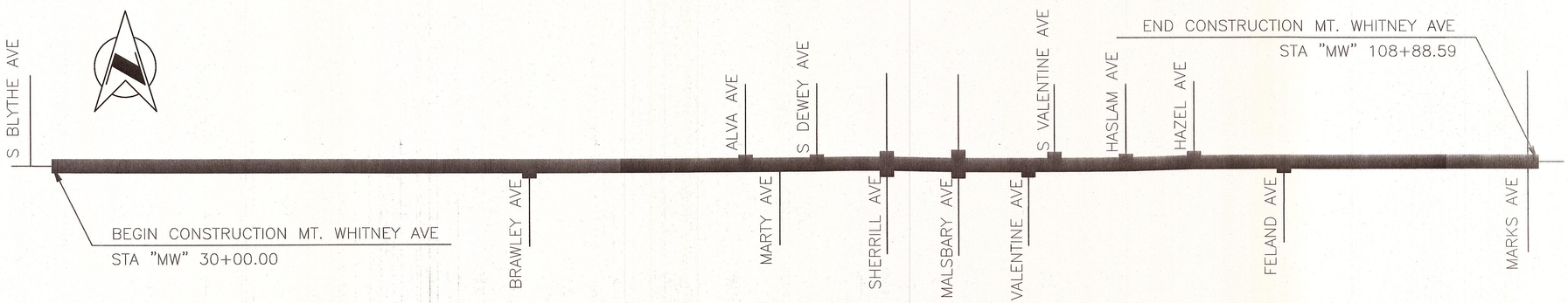
PLANS FOR CONSTRUCTION

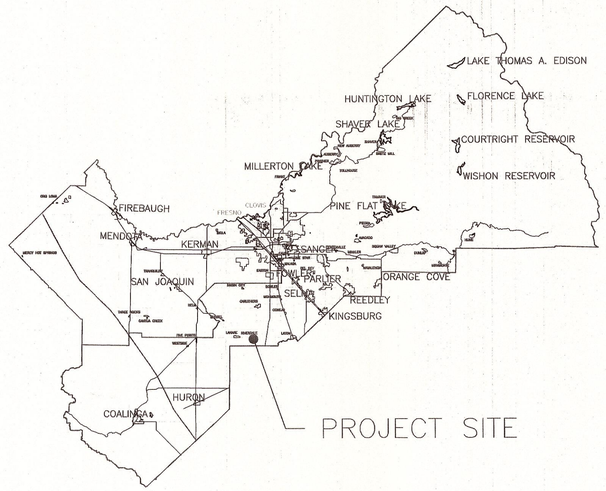
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

FEDERAL PROJECT NO. CPFL-5942(314)

PROJECT LENGTH: 1.6 MILES

TO BE SUPPLEMENTED BY THE STATE STANDARD PLANS AND SPECIFICATIONS DATED 2023.





VICINITY MAP
NO SCALE

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
T-1	TITLE SHEET
LS-1	LEGEND SHEET
PC-1	PROJECT CONTROL
X-1 TO X-4	TYPICAL CROSS SECTIONS
L-1 TO L-16	PLAN AND PROFILE
C-1 TO C-15	CONSTRUCTION DETAILS
U-1 TO U-17	UTILITY PLANS
SS-1 TO SS-8	SIGNING AND STRIPING PLANS
SC-1 TO SC-16	STAGE CONSTRUCTION AND TRAFFIC HANDLING
CAS-1	CONSTRUCTION AREA SIGNS

Brian Pacheco		1st District
Garry Bredefeld	Vice Chairman	2nd District
Luis Chavez		3rd District
Ernest "Buddy" Mendes	Chairman	4th District
Nathan Magsig		5th District

Paul Nerland
County Administrative Officer

APPROVED _____ 10/9/25

Steven E. White, Director
Department of Public Works and Planning

CALIFORNIA CONTRACTOR'S LICENSES REQUIRED FOR THIS PROJECT					
CLASS A, GENERAL ENGINEERING & CLASS C-12, EARTHWORK AND PAVING					
DRAWING NO.	ROAD NO.	BRIDGE NO.	FISCAL YR.	SHEET NO.	TOTAL
11332	X		25 / 26	T-1	80
CONTRACT NO. 25-06-C					

RECORD DRAWING		
DATE ADOPTED		
CONTRACTOR		
NAME		
ADDRESS		
CITY	STATE	ZIP
PHONE		
DATE AWARDED		
DATE STARTED		
DATE COMPLETED		
RESIDENT ENGINEER		
NAME	SIGNATURE	
NAME	SIGNATURE	

DIVISION	DESIGN	CONST	RMO	RESC
SIGNATURE			James Garcia Digitally signed by James Garcia Date: 2025.10.06 09:02:35 -07'00'	
DATE	10/1/2025	10.1.2025	10/6/2025	

THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

2023 CALTRANS STANDARD PLANS LIST

■ INDICATES APPLICABLE PLAN

■	A20A	PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS
■	A20B	PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS
■	A20C	PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS
■	A20D	PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS
■	A24A	PAVEMENT MARKINGS ARROWS
□	A24B	PAVEMENT MARKINGS ARROWS AND SYMBOLS
■	A24C	PAVEMENT MARKINGS SYMBOLS AND NUMERALS
■	A24D	PAVEMENT MARKINGS WORDS
■	A24E	PAVEMENT MARKINGS WORDS, LIMIT AND YIELD LINES
■	A24F	PAVEMENT MARKINGS CROSSWALKS
■	A62A	EXCAVATION AND BACKFILL MISCELLANEOUS DETAILS
□	A62B	LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE SURCHARGE AND WALL
□	A62C	LIMITS OF PAYMENT FOR EXCAVATION AND BACKFILL BRIDGE
□	A62D	EXCAVATION AND BACKFILL CONCRETE PIPE CULVERTS
□	A62DA	EXCAVATION AND BACKFILL CONCRETE PIPE CULVERTS INDIRECT DESIGN METHOD
□	A62E	EXCAVATION AND BACKFILL CAST-IN-PLACE REINFORCED CONCRETE BOX AND ARCH CULVERTS
□	A62F	EXCAVATION AND BACKFILL METAL AND PLASTIC CULVERTS
□	A62G	EXCAVATION AND BACKFILL PRECAST REINFORCED CONCRETE BOX CULVERTS
■	A73A	OBJECT MARKERS
□	A73B	MARKERS
□	A73C	DELINEATORS, CHANNELIZERS, AND BARRICADES
□	A74	SURVEY MONUMENTS
□	A78A	THRIE BEAM BARRIER STANDARD RAILING SECTION (WOOD POST WITH WOOD BLOCK)
□	A78C1	THRIE BEAM BARRIER STANDARD HARDWARE DETAILS
□	A78C2	THRIE BEAM BARRIER POST AND BLOCK DETAILS
□	A78E1	SINGLE THRIE BEAM BARRIER END ANCHOR ASSEMBLY AND TERMINAL SYSTEM END TREATMENT
□	A81C	CRASH CUSHION, SAND FILLED (BIDIRECTIONAL)
■	A85	CHAIN LINK FENCE
□	A86	BARBED WIRE AND WIRE MESH FENCES
□	A87A	CURBS AND DRIVEWAYS
■	A87B	HOT MIX ASPHALT DIKES
■	A88A	CURB RAMP DETAILS
□	B3-7A	RETAINING WALL TYPE 6 (CASE 1)
□	B3-7C	RETAINING WALL TYPE 6 DETAILS
□	D73	DRAINAGE INLETS
□	D74A	DRAINAGE INLETS
□	D74B	DRAINAGE INLETS
□	D74C	DRAINAGE INLET DETAILS
□	D75A	STEEL PIPE INLETS
□	D75B	CONCRETE PIPE INLETS
□	D75C	PIPE INLETS LADDER AND TRASH RACK DETAILS
□	D77A	GRATE DETAILS No. 1
□	D77B	GRATE DETAILS No. 2
□	P74	PAVEMENT EDGE TREATMENTS
□	P75	PAVEMENT EDGE TREATMENTS - OVERLAYS
■	P76	PAVEMENT EDGE TREATMENTS - NEW CONSTRUCTION
□	T1A	TEMPORARY CRASH CUSHION, SAND FILLED (UNIDIRECTIONAL)
□	T1B	TEMPORARY CRASH CUSHION, SAND FILLED (BIDIRECTIONAL)
□	T2	TEMPORARY CRASH CUSHION, SAND FILLED (SHOULDER INSTALLATIONS)
□	T3	TEMPORARY RAILING (TYPE K)
□	T56	TEMPORARY FIBER ROLL
□	T57	TEMPORARY CHECK DAM
□	T61	TEMPORARY DRAINAGE INLET PROTECTION
□	T65	TEMPORARY HIGH-VISIBILITY FENCE

CONSTRUCTION AND TOPOGRAPHIC LINES

GFL — GFL — GFL

FL — DITCH FL

CUT & FILL

R/W — EXIST R/W

P–R/W — PROPOSED R/W

SAWCUT

9+80 9+90 10+00 10+10 10+20 — STATION LINE

GRADE BREAK

ORIGINAL GROUND (OG)

SECTION LINE

GENERAL NOTES

1. THE DIMENSIONS SHOWN ARE SUBJECT TO THE TOLERANCES SPECIFIED IN THE CALTRANS STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS THERETO.
2. CALTRANS STANDARD SPECIFICATIONS - 2023 EDITION
3. SAW-CUT AND DEMOLITION AREAS ARE TO BE VERIFIED BY THE ENGINEER PRIOR TO DEMOLITION. ANY ADDITIONAL DEMOLITION SHALL BE APPROVED BY THE ENGINEER.
4. THE CONTRACTOR SHALL COORDINATE WITH ANY UTILITY COMPANIES THAT REQUIRE THEIR FACILITIES TO BE ADJUSTED TO GRADE. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING EACH SITE AND IDENTIFYING ANY UTILITIES THAT MAY REQUIRE ADJUSTMENT. ANY UNFORESEEN DELAY SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY IN WRITING.
5. APPLY TACK COAT TO EXISTING AC PRIOR TO PAVING, INCLUDING VERTICAL JOINTS.

GENERAL LEGEND

ABBREVIATIONS

AB	AGGREGATE BASE	DIA	DIAMETER	LP	LIMIT OF PAYMENT	RTE	ROUTE
ABUT	ABUTMENT(S)	DIR	DIRECTION	LT	LEFT	RW	RETAINING WALL
AC	ASPHALT CONCRETE	DIST	DISTANCE	MAX	MAXIMUM	R/W	RIGHT OF WAY
AHD	AHEAD	DO	DRAINAGE OUTLET	MB	METAL BEAM	S	SLOPE
ALIGN	ALIGNMENT	DRWY	DRIVEWAY	MBGR	METAL BEAM GUARD RAILING	SALV	SALVAGE
ALY	ALLEY	EA	EACH	MH	MANHOLE	SBL	SOUTH BOUND LANE
AP	ANGLE POINT	EASE	EASEMENT	MI	MILE (S)	SEC	SECTION
APCH	APPROACH	EB	END OF BRIDGE	MIN	MINIMUM	SDWK	SIDEWALK
APPROX	APPROXIMATE ± ( )	E/B	EAST BOUND	MISC	MISCELLANEOUS	SH	STATE HIGHWAY
AS	AGGREGATE SUBBASE	EC	END HORIZONTAL CURVE	MOD	MODIFY (IED)	SHLDR	SHOULDER
ASSY	ASSEMBLY	ECR	END CURB RETURN	MON	MONUMENT	SHT	SHEET
AV	AIR RELEASE VALVE	ED	END DIKE	MP	MILE POST	S/L	SECTION LINE
AVE	AVENUE	ELEV	ELEVATION	MTL	MATERIAL	SP	STANDPIPE
BB	BEGINNING OF BRIDGE	(ELEV)	EXISTING ELEVATION	N/A	NOT APPLICABLE	SQ	SQUARE
BC	BEGIN HORIZONTAL CURVE	EMB	EMBANKMENT	NBL	NORTH BOUND LANE	SQ FT	SQUARE FOOT (FEET)
BCM	BRASS CAP MONUMENT	EP	EDGE OF PAVEMENT	NO (#)	NUMBER	SQ IN	SQUARE INCH
BCR	BEGIN CURB RETURN	EQ	EQUAL	NS	NATIVE SOIL	ST	STREET
BEG	BEGIN(ING)	ES	EDGE OF SHOULDER	OC	ON CENTER	STA	STATION
BKF	BACKFILL	ETL	EDGE OF TRAVEL LANE	OD	OUTSIDE DIAMETER	STD	STANDARD
BLDG	BUILDING	EVC	END VERTICAL CURVE	OG	ORIGINAL GROUND	STR	STRUCTURE (S)
BLVD	BOULEVARD	EW	ENDWALL	PB	PULL BOX	SURF	SURFACING
BM	BENCH MARK	EXC	EXCAVATION	PBS	PULV BIT SURF	STP	STEEL PIPE
BR	BRIDGE	EXIST / (E)	EXISTING	PE	POLYETHYLENE	SWR	SEWER
BVC	BEGIN VERTICAL CURVE	EXP JT	EXPANSION JOINT	PCC	PORTLAND CEMENT CONCRETE	TAN OFF	TANGENT OFFSET
BW	BARBED WIRE	FCBCM	FRESNO COUNTY BCM	PERM	PERMEABLE	TBM	TEMPORARY BM
CC	CENTER TO CENTER	FFW	FRONT FACE OF WALK	PG	PROFILE GRADE	TBR	TIMBER
CF	CUBIC FOOT (FEET)	FG	FINISHED GRADE	PI	POINT OF INTERSECTION	TCP	TEMPORARY CONST PERMIT
CFS	CUBIC FEET PER SECOND	FH	FIRE HYDRANT	PL	PLATE	TBC	TOP BACK OF CURB
C & G	CURB AND GUTTER	FL	FLOW LINE	P/L	PROPERTY LINE	TBW	TOP BACK OF WALK
CHNL	CHANNEL	FRE	FRESNO	PM	POST MILE	TFC	TOP FACE OF CURB
CI	CITY	FT	FOOT (FEET)	POC	POINT ON CURVE	TFP	TRANSFORMER POLE
CIDH	CAST-IN DRILLED HOLE	GAL	GALLON (S)	POT	POINT ON TANGENT	TOT	TOTAL
CIP	CAST IRON PIPE	GV	GAS VALVE	PP	POWER POLE	TP	TELEPHONE POLE
CIPCP	CAST-IN-PLACE CONCRETE PIPE	GFL	GUTTER FLOW LINE	PPP	PERFORATED PLASTIC PIPE	TCB	TRAFFIC CONTROL BOX
C/L (℄)	CENTER LINE	GB	GRADE BREAK	PRF	PAVEMENT REINFORCING FABRIC	TRANS	TRANSITION
CL	CHAIN LINK	GP	GRADING PLANE	PSF	POUNDS PER SQUARE FOOT	TS	TRAFFIC SIGNAL
CLR	CLEAR (ING), CLEARANCE	GRUB	GRUBBING	PSI	POUNDS PER SQUARE INCH	TYP	TYPICAL
CMP	CORRUGATED METAL PIPE	GW	GUY WIRE	PT	PEDESTAL TELEPHONE	TYP SEC	TYPICAL SECTION
CMPA	CORRUGATED METAL PIPE ARCH	HORIZ	HORIZONTAL	PNT	POINT	UC	UNDERCROSSING
CNS	COMPACTED NATIVE SOIL	HP	HINGE POINT	PULV	PULVERIZED	UG	UNDERGROUND
CNL	CLEAN NEAT LINE	HS	HIGH STRENGTH	PVC	POLYVINYL CHLORIDE	UD	UNDERDRAIN
CO	COUNTY	HW	HEAD WALL	PVMT	PAVEMENT	UDR	UNDERDRAIN RISER
COMM	COMMERCIAL	HWM	HIGH WATER MARK	R	RADIUS	UP	UNDERPASS
CONC	CONCRETE	HWY	HIGHWAY	RCB	REINFORCED CONCRETE BOX	VAR	VARIES (ABLE)
CONST	CONSTRUCT (ION)	IB	IMPORTED BORROW	RCP	REINFORCED CONCRETE PIPE	VC	VERTICAL CURVE
CONT	CONTINUOUS	ID	INSIDE DIAMETER	RD	ROAD	VCP	VITRIFIED CLAY PIPE
CP	CONCRETE PIPE	IP	IRON PIPE	R & R	REMOVE AND REPLACE	VERT	VERTICAL
CR	CURB RAMP	IRR	IRRIGATION	REINF	REINFORCED (MENT) (ING)	VG	VALLEY GUTTER
CS	COTTON SPINDLE	IV	IRRIGATION VALVE	REL	RELOCATE	VP	VENT PIPE
CSP	CORRUGATED STEEL PIPE	JP	JOINT POLE	RES	RESIDENTIAL	W/B	WEST BOUND
CSPA	CORRUGATED STEEL PIPE ARCH	JT	JOINT	RET	RETAINING	WM	WATER METER
CA TV	CABLE TELEVISION	LBS	POUNDS	RG	RUBBER GASKET	WP	WEAKENED PLANE
CULV	CULVERT	LF	LINEAR FOOT	RLG	ROCK LINED GUTTER	WR	WHEELCHAIR RAMP
CY (CU YD)	CUBIC YARD(S)	LOC	LOCATION	RR	RAILROAD	WV	WATER VALVE
DI	DRAINAGE INLET	LOL	LAYOUT LINE	RT	RIGHT	WW	WINGWALL

UTILITY NOTES

1. LOCATIONS OF EXISTING UNDERGROUND FACILITIES ARE APPROXIMATE EXACT DEPTH AND LOCATIONS ARE UNKNOWN. FIELD LOCATE PRIOR TO THE START OF CONSTRUCTION.

CALL UNDERGROUND SERVICE ALERT (USA) 811

UTILITY SYMBOLS

- STAND PIPE
- IRR UG PIPE FLOW
- IRR UG PIPE CAPPED
- IRR VALVE SCREWGATE
- IRR TOP GATE VALVE
- IRR PIPE 12" VERTICAL
- VENT PIPE
- IRR VALVE - BUBBLER
- IRR VALVE, DRIP SYSTEM
- IRR PIPE 4" VERT OUTLET
- WATER WELL
- WATER WELL PUMP
- WATER STORAGE TANK
- FIRE HYDRANT
- IRR 2"-4" PIPE RISER
- HOSE BIB
- MH-STORM DRAIN
- MH-ELECTRICAL
- MH-FO/CABLE
- MH-GAS
- MH-SANITARY SWR
- MH-TELEPHONE
- MH-WATER
- ELEC METER
- ELECTRIC VAULT
- CHRISTY BOX
- TELEPHONE VAULT
- GAS METER
- GAS VALVE
- GAS VAULT
- WATER METER
- WATER VALVE
- C — UG CABLE
- D — UG STORM DRAIN LINE
- E — UG ELECTRIC LINE
- FO — UG FIBER OPTIC
- G — UG GAS LINE
- S — UG SANITARY SEWER
- T — UG TELEPHONE LINE
- W — UG WATER LINE
- OHE — OVERHEAD ELEC LINE
- OHT — OVERHEAD TELE LINE
- MH-GASOLINE FILLER
- GASOLINE VENT PIPE
- GASOLINE PUMP
- CLEAN OUT
- BACKFLOW PREVENTER
- SPRINKLER
- STREET LIGHT POLE
- EXISTING SIGNAL POLE
- STORM DRAIN DROP INLET
- STORM DRAIN GRATE
- STEEL DRAIN PIPE
- DOWN DRAIN
- WARNING SIGN
- WARNING SIGN
- WARNING SIGN
- WARNING SIGN
- WARNING SIGN
- WARNING SIGN
- WARNING SIGN
- ELECTRIC PULL BOX
- PEDESTAL-TELEPHONE

EXISTING

- TELEPHONE POLE
- POWER POLE
- JOINT POLE
- JOINT TRANSFORMER POLE
- TRANSFORMER POLE
- GUY POLE
- GUY WIRE

CONSTRUCTION SYMBOLS

- A — TYPE "A" CURB
- B3 — TYPE "B3" CURB
- FA — TYPE "FA" CURB
- CE — FA CURB EXTENSION
- CS — COMMERCIAL SIDEWALK
- RD — RESIDENTIAL SIDEWALK
- AS STA W — ADJACENT RES SIDEWALK
- HW STA D — CONCRETE HOUSEWALK
- VG STA D — VALLEY GUTTER
- MB STA — MAIL BOX
- W STA D — CONCRETE DRIVEWAY
- W STA D S° — AC DRIVEWAY
- W STA D S° — DIRT DRIVEWAY
- W STA D — MODIFY CONC DRIVEWAY
- "W" — DENOTES WIDTH
- "D" — DENOTES MATCH DISTANCE
- "S°" — DENOTES SKEW ANGLE
- DI TC STA — DRAINAGE INLET
- DO TC STA — DRAINAGE OUTLET
- MH STA OFFSET — INSTALL MANHOLE
- WV STA OFFSET — INSTALL WATER VALVE
- MH — ADJUST MANHOLE
- AV STA OFFSET — ADJUST AIR RELEASE VALVE
- WV — ADJUST WATER VALVE
- DD — 2" AC DEPRESSED DIKE
- ID — 4" AC INTERMEDIATE DIKE
- D — 6" AC DIKE
- R — RADIUS
- "R" — DENOTES RADIUS IN FEET
- SM — SURVEY MONUMENT
- CC — CONCRETE COLLAR
- GM — GRADE MATCH
- SC — SAW CUT
- OD STA L — OVERSIDE DRAIN
- S — MISC TRAFFIC SIGN
- SS — STOP SIGN
- MB — MAIL BOX
- "L" — DENOTES LENGTH IN FEET
- SECTION CORNER
- MA — PLACE AC , MISC AREA
- DIRECTION OF FLOW
- GRADE TO FLOW
- CHAIN LINK FENCE
- WIRE FENCE
- DAYLIGHT LIMIT
- L — GP AND LP ROADWAY EXC
- X / X — SHEET NO. / DWG. NO. — REFERENCE TO STATE STANDARD PLAN DETAIL
- X / X — SHEET NO. / DWG. NO. — REFERENCE TO DETAIL ON DWG. OR DETAIL TITLE
- X / X — SHEET NO. / DWG. NO. — SECTION CUT
- DETECTABLE WARNING SURFACE PER CALTRANS STANDARD PLAN A88A
- REMOVE TREE

EXISTING IMPROVEMENTS

- A — TYPE "A" CURB
- B3 — TYPE "B3" CURB
- FA — TYPE "FA" CURB
- CS — COMM SIDEWALK
- SS — ROADSIDE SIGN
- RS — RES SIDEWALK
- VG — VALLEY GUTTER
- SM — SURVEY MON
- MB — MAIL BOX
- S — STOP SIGN
- x — WIRE FENCE
- o — CHAIN LINK FENCE
- ( ) — METAL FENCE
- [ ] — WOOD FENCE
- ı o ı — PVC FENCE
- \ ı / — MISC LANDSCAPING

	DATE	RECORD DRAWING		DATE
DESIGNED: E. BARCO		RESIDENT ENGINEER		
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

SCALE: NO SCALE

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT: MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

LEGEND SHEET

DRAWING NO. 11332 SHEET NO. LS-1 TOTAL 80

NOTES:

BASIS OF VERTICAL CONTROL:
THE SOUTH LINE OF THE SECTION 24, TOWNSHIP 17 SOUTH, RANGE 19 EAST, M.D.B& M., IS TAKEN TO BE N89°54'58"E AS PER RECORD OF SURVEY RECORDED IN BOOK 33, PAGE 01, WITH FRESNO COUNTY RECORDERS OFFICE.

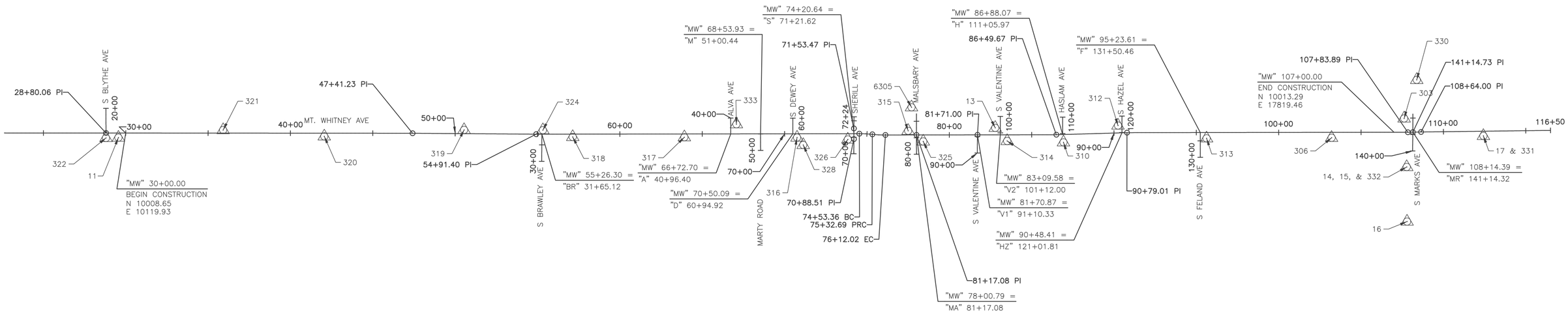
CALIFORNIA STATE PLANE COORDINATE SYSTEM:
FRESNO COUNTY BENCHMARK NJ105, A FRESNO COUNTY BRASS CAP MONUMENT, LOCATED IN THE SOUTHEAST QUADRANT OF THE INTERSECTION OF MOUNT WHITNEY AVENUE AND NORTH BLYTHE AVENUE, 75.39' EAST OF NORTH BLYTHE AVENUE, 28.03' SOUTH OF MOUNT WHITNEY AVENUE, HAS AN NGVD29 ELEVATION OF 211.951 FEET PER FRESNO COUNTY BENCHMARK RECORDS.

LEGEND:

SURVEY CONTROL POINT

Point Table				
Point #	Elevation	Northing	Easting	Description
11	211.95	9980.61	10075.40	FCBCM NJ103
13	216.54	10040.07	15398.21	NJ99 CHIS SQ
14	220.88	9802.29	17896.44	NJ97 1/2
15	220.88	9802.29	17896.44	NJ97 1/2
16	220.81	9470.58	17898.52	CVFED NJ97 1/2A
17	220.02	9991.22	18362.04	NJ97 1/2B
303	217.20	10097.41	17880.67	FD. 3/4" IP W/LS4375 DN. 12"
306	216.86	9979.90	17440.37	CHISELED X ON SDWK CP
310	216.12	9952.07	15812.68	FD. 3/4 IN IP LS4375 DN 8"
312	217.26	10054.31	16143.69	COTTON SPINDLE IN AC
313	217.98	9976.23	16681.41	CHISELED X ON SDWK CP
314	215.39	9960.41	15470.99	CHISELED X ON TFC
315	214.90	10022.04	14869.61	CHISELED X ON TFC
316	213.63	9981.00	14195.10	REBAR W/CAP
317	212.87	9983.15	13511.01	REBAR W/CAP

Point Table				
Point #	Elevation	Northing	Easting	Description
318	214.32	9984.87	12833.35	REBAR W/CAP
319	215.77	10027.36	12173.95	COTTON SPINDL IN AC
320	214.53	9988.26	11325.11	COTTON SPINDL IN AC
321	213.83	10026.83	10711.18	COTTON SPINDL IN AC
322	211.68	9978.65	9999.78	REBAR W/CAP PLS8393
324	215.96	10026.05	12652.28	COTTON SPINDL IN AC
325	214.29	9957.23	14961.50	CHISELED X ON TFC
326	213.84	9969.28	14503.51	CHISELED X ON TFC
328	208.94	9936.22	14232.56	TEMP PT HUB & TACK
330	219.64	10331.49	17957.19	Control Pt. H&T
331	220.73	9991.31	18362.07	Control Pt. USGS NO.2 1944
332	220.63	9802.23	17896.49	Control Pt. USGS X669 1984
333	213.74	10062.14	13827.17	Hub & Tack
6305	214.37	10165.05	14890.11	15 LS4375



	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	NO SCALE
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING
PROJECT CONTROL
DRAWING NO. 11332 SHEET NO. PC-1 TOTAL 80

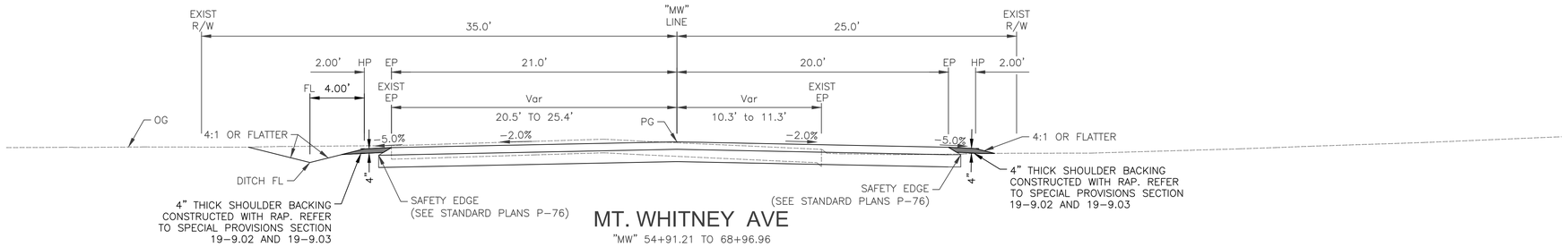
NOTES:

1. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. FOR EXACT LOCATION OF SAWCUT TRANSITIONS, AND DRIVEWAYS SEE PLAN AND PROFILE.
3. FOR DETAILS NOT SHOWN REFER TO CONSTRUCTION DETAIL SHEETS.

STRUCTURAL SECTION:

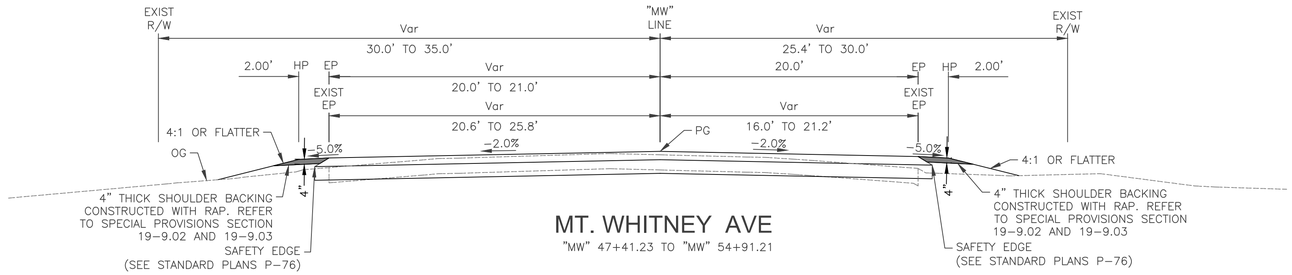
TYP*
- 0.55' HMA (TYPE A)
- 1.10' FDR SECTION

*TYPICAL SECTION. FOR DRIVEWAY AND OTHER VARYING STRUCTURAL SECTIONS, SEE CONSTRUCTION DETAIL SHEETS



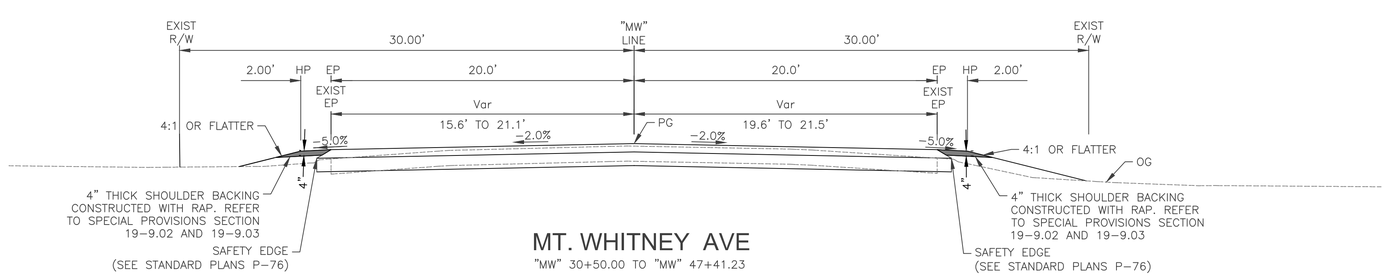
MT. WHITNEY AVE

"MW" 54+91.21 TO 68+96.96



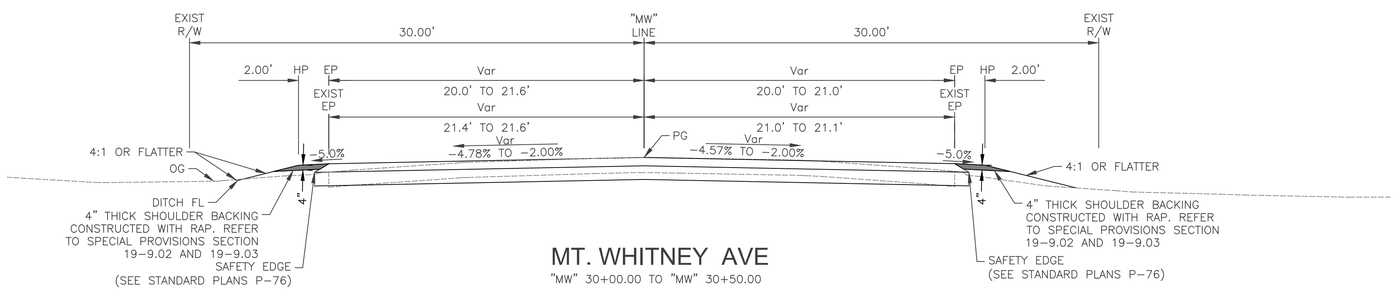
MT. WHITNEY AVE

"MW" 47+41.23 TO "MW" 54+91.21



MT. WHITNEY AVE

"MW" 30+50.00 TO "MW" 47+41.23



MT. WHITNEY AVE

"MW" 30+00.00 TO "MW" 30+50.00

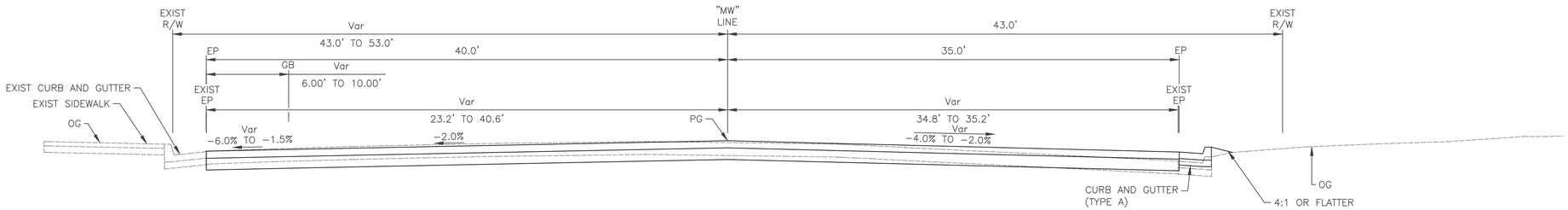
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DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

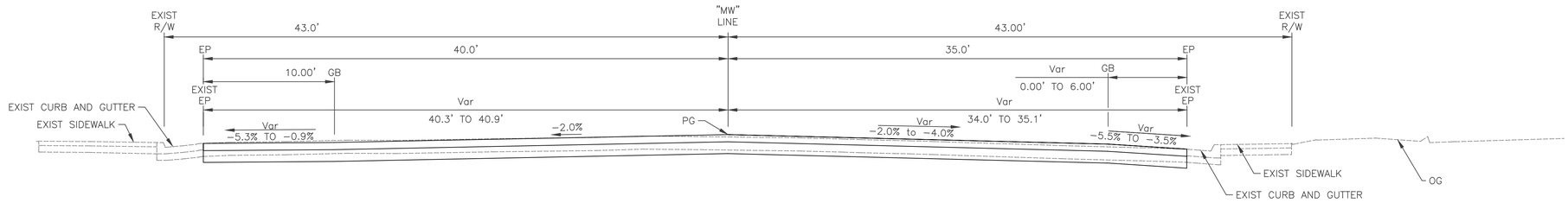
REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	TYPICAL CROSS SECTIONS
ROAD NO. BRIDGE NO.	DRAWING NO. 11332 SHEET NO. X-1 TOTAL 80



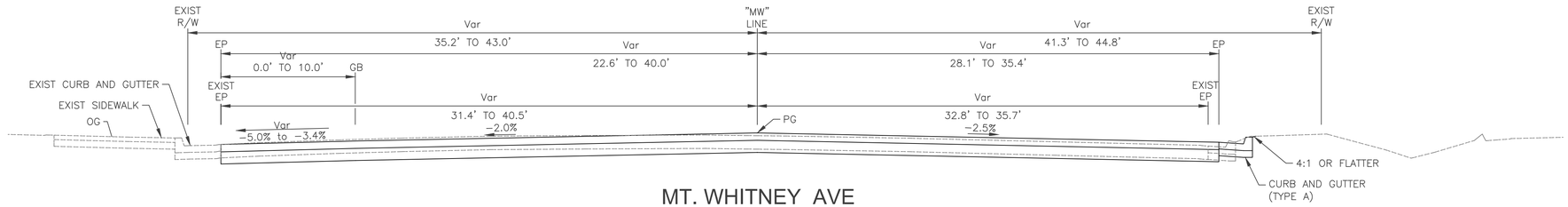
MT. WHITNEY AVE

"MW" 80+28.32 TO 86+37.95



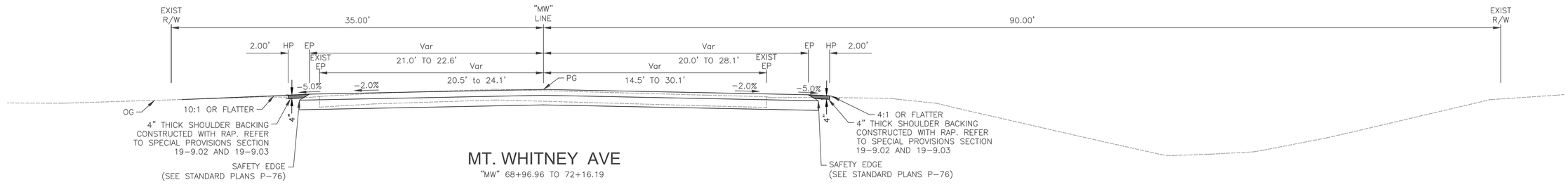
MT. WHITNEY AVE

"MW" 78+50.62 TO 80+28.32



MT. WHITNEY AVE

"MW" 72+16.19 TO 77+34.26



MT. WHITNEY AVE

"MW" 68+96.96 TO 72+16.19

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	NO SCALE
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

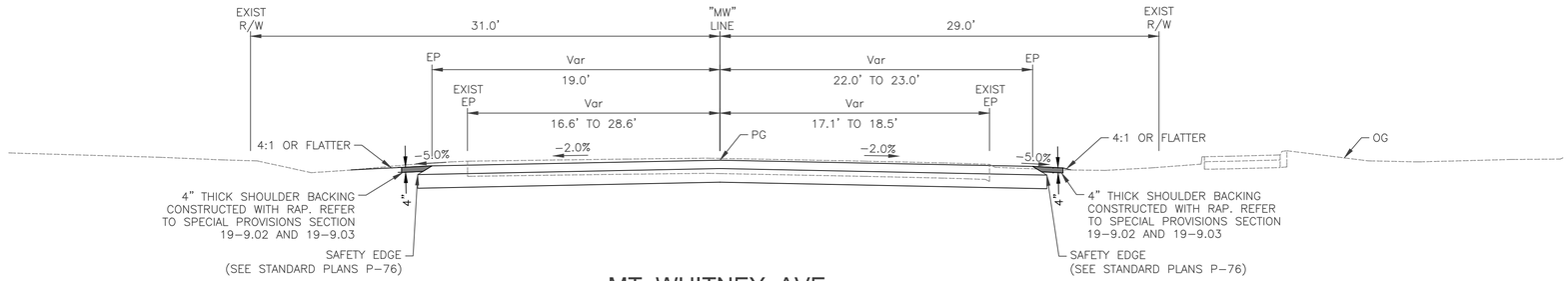
ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

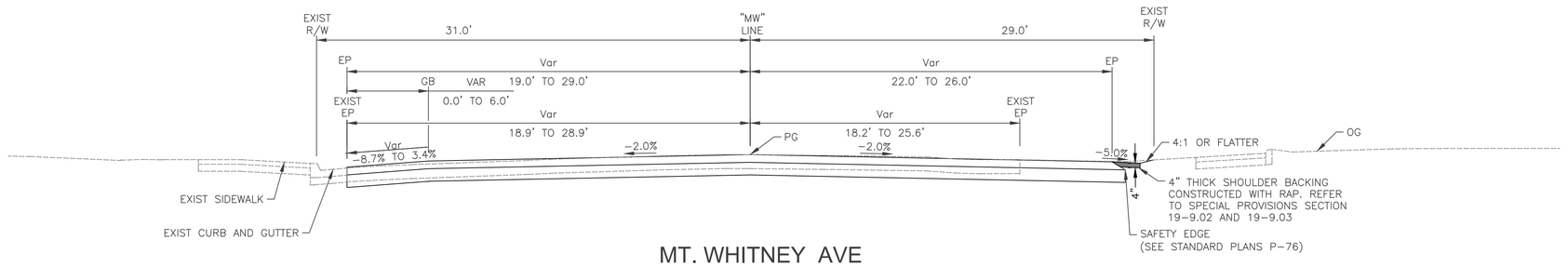
TYPICAL CROSS SECTIONS

DRAWING NO. 11332 SHEET NO. X-2 TOTAL 80



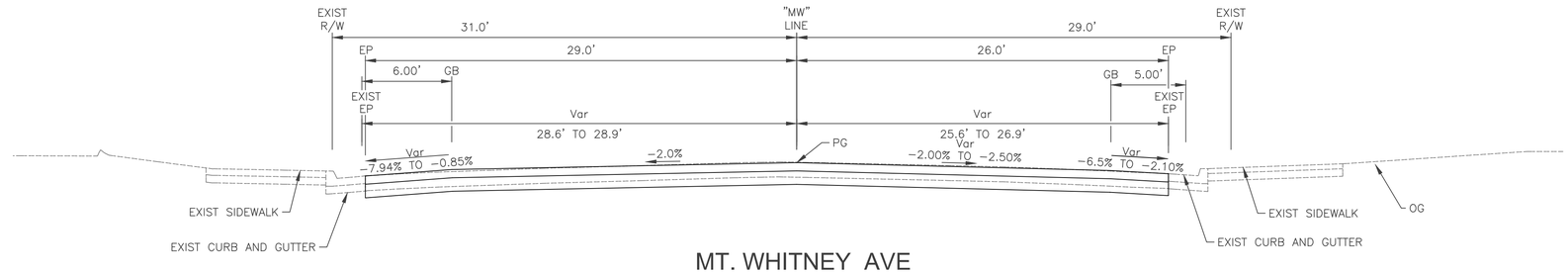
MT. WHITNEY AVE

"MW" 101+12.24 TO 101+97.63



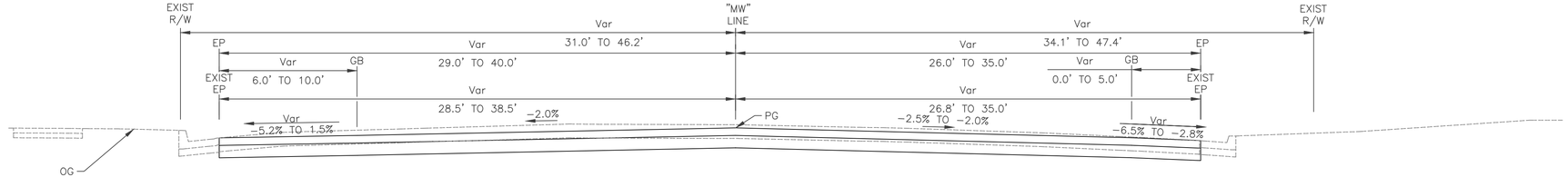
MT. WHITNEY AVE

"MW" 99+09.59 TO 101+12.24



MT. WHITNEY AVE

"MW" 91+41.26 TO 99+09.59



MT. WHITNEY AVE

"MW" 86+37.95 TO 91+41.26

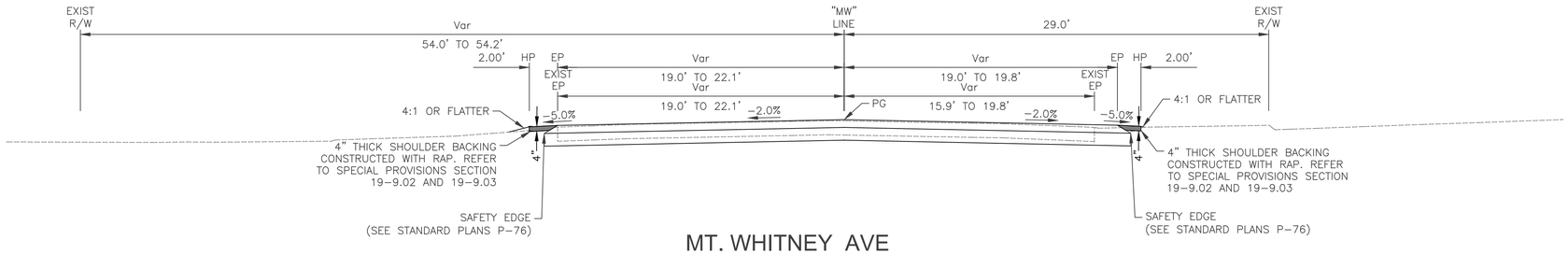
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DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

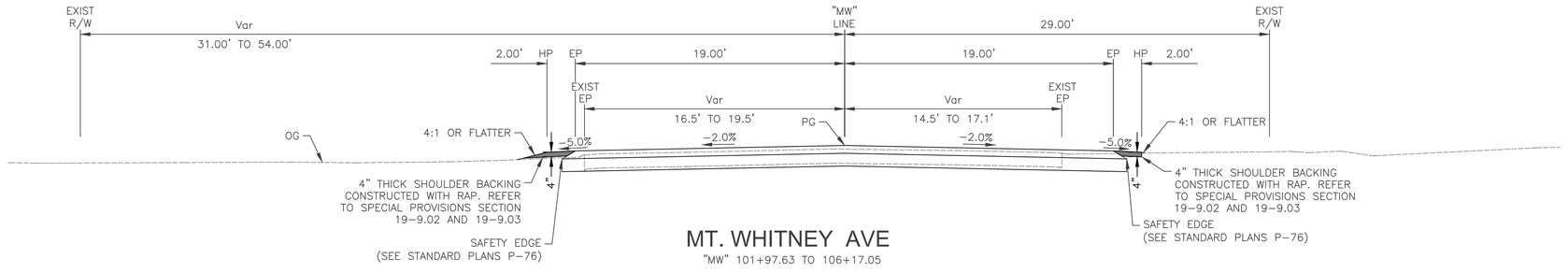
REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	TYPICAL CROSS SECTIONS
ROAD NO. BRIDGE NO.	DRAWING NO. 11332 SHEET NO. X-3 TOTAL 80



MT. WHITNEY AVE

"MW" 106+17.50 TO 108+88.59



MT. WHITNEY AVE

"MW" 101+97.63 TO 106+17.05

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	NO SCALE
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO 1856

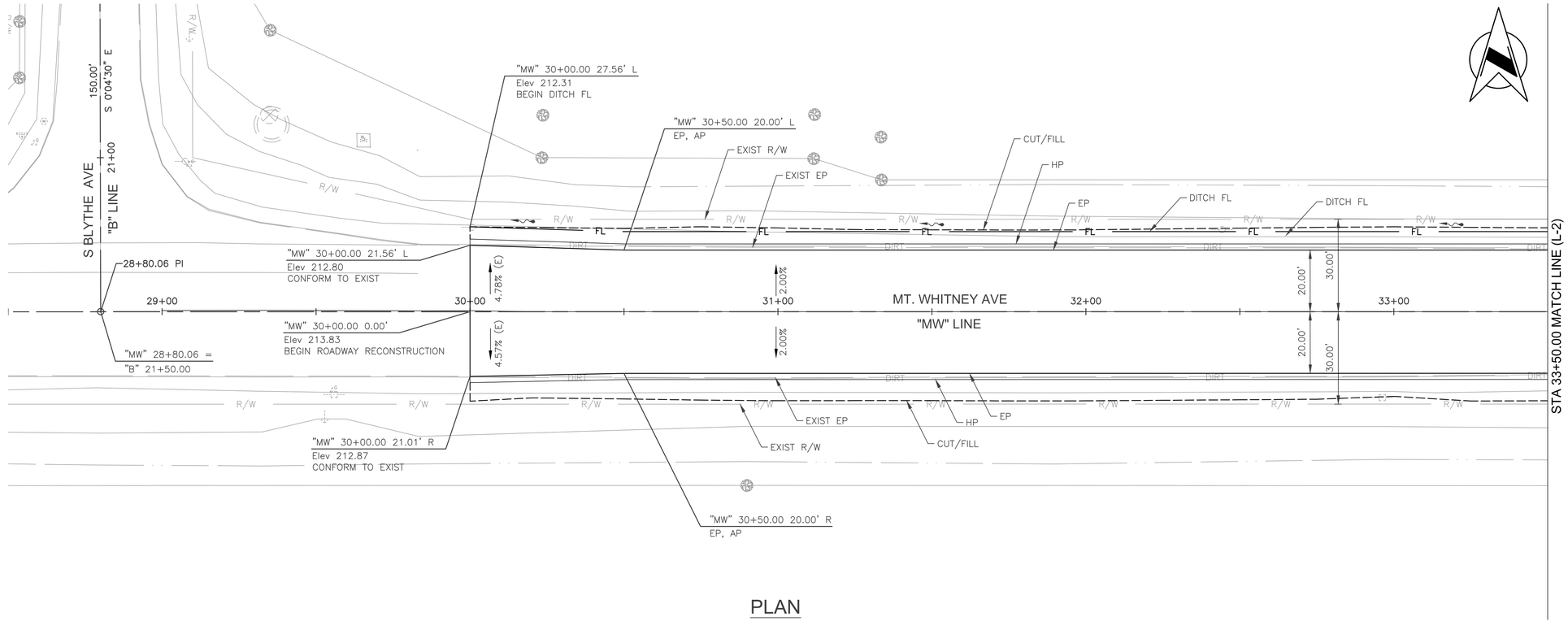
DEPARTMENT OF PUBLIC WORKS AND PLANNING

TYPICAL CROSS SECTIONS

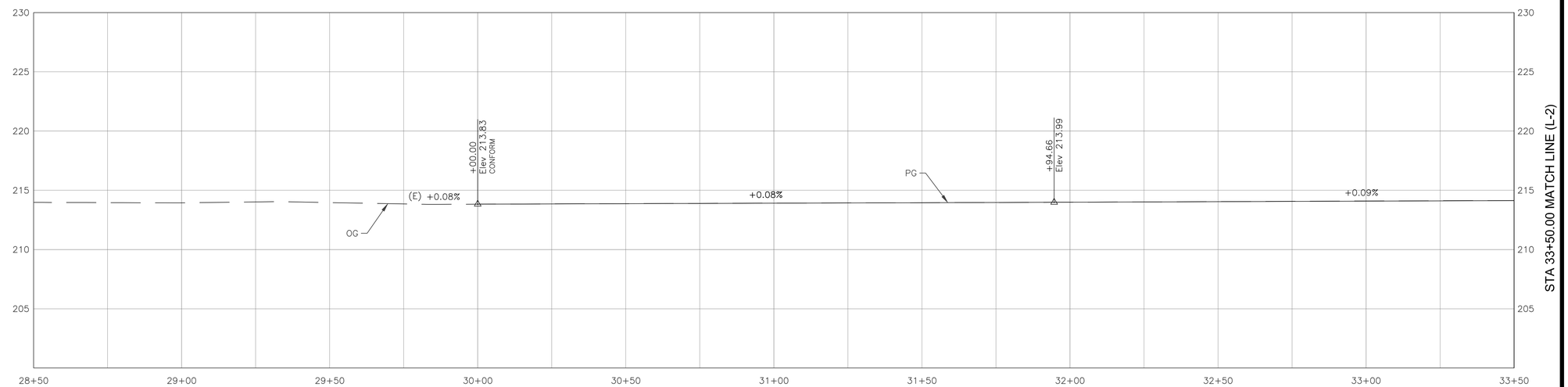
DRAWING NO. 11332 SHEET NO. X-4 TOTAL 80

NOTES:

1. UTILITIES SHOWN ARE APPROXIMATE.
2. ALL STATION/OFFSET CALLOUTS ARE TO THE EP UNLESS OTHERWISE NOTED.
3. FOR DETAILS NOT SHOWN REFER TO CONSTRUCTION DETAIL SHEETS.
4. CONTRACTOR TO PROTECT ALL UTILITY POLES AND ANCHORS IN PLACE.
5. CONTRACTOR TO PROTECT ALL EXISTING PROPERTY OWNER IMPROVEMENTS INCLUDING BUT NOT LIMITED TO, FENCES, MAILBOXES, ETC.
6. CONTRACTOR TO MATCH AND CONFORM TO EXISTING DRIVEWAYS.
7. ALL WORK CONSTRUCTED SHALL BE COMPLETED IN COMPLIANCE WITH CURRENT ADA STANDARDS.
8. MAINTAIN A MINIMUM 36" WALKWAY CLEAR WIDTH AROUND OBSTRUCTIONS.



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER No. 70950 Exp.6/30/27 CIVIL STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

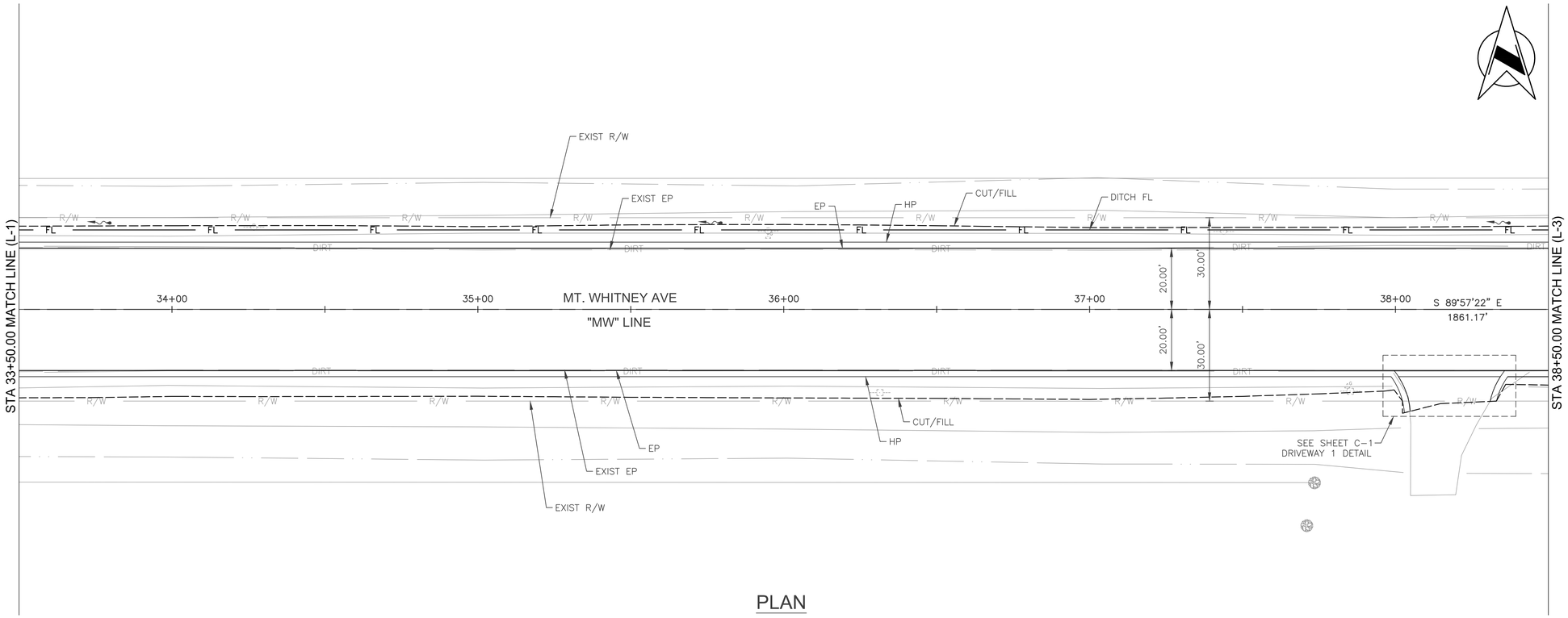
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

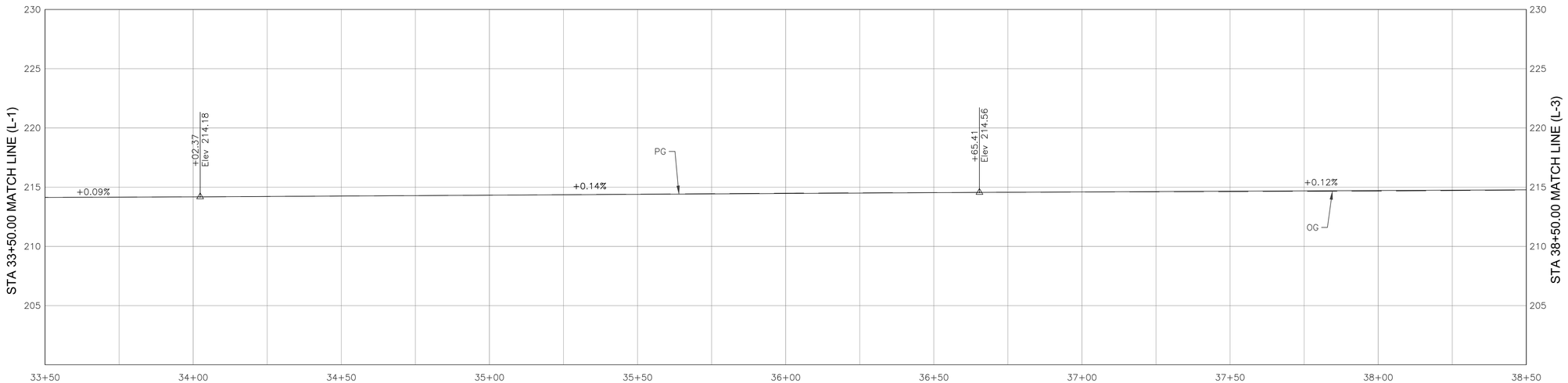
PLAN AND PROFILE

MT. WHITNEY AVE STA 28+50.00 TO STA 33+50.00

DRAWING NO. 11332 SHEET NO. L-1 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

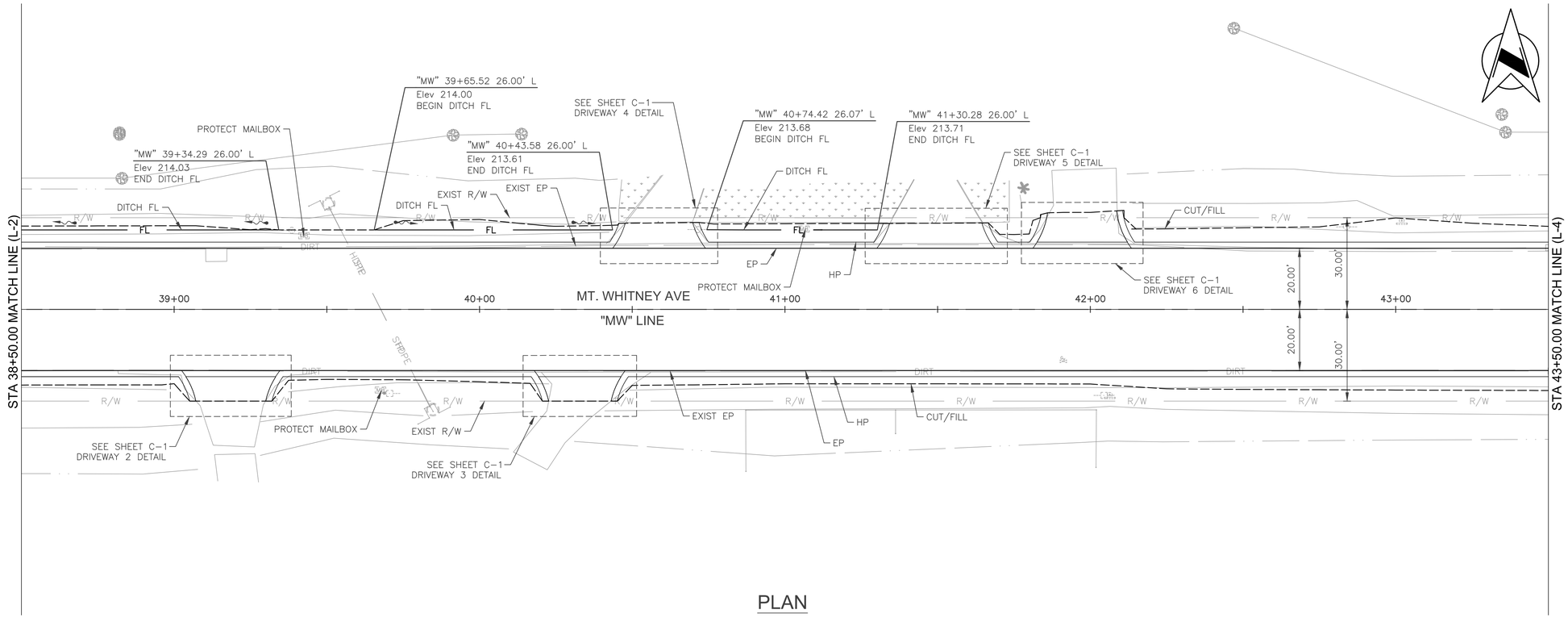
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

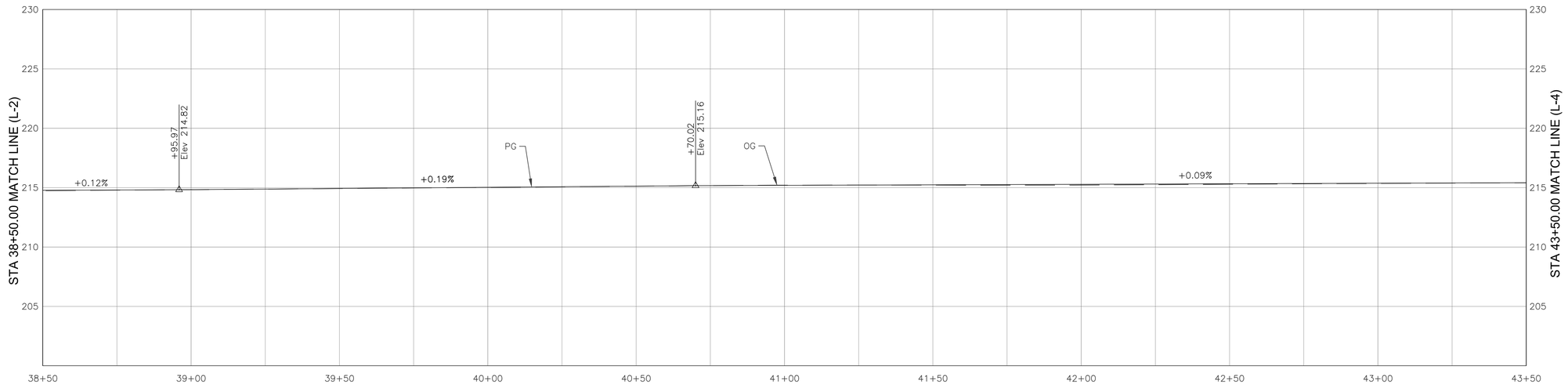
PLAN AND PROFILE

MT. WHITNEY AVE STA 33+50.00 TO STA 38+50.00

DRAWING NO. 11332 SHEET NO. L-2 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

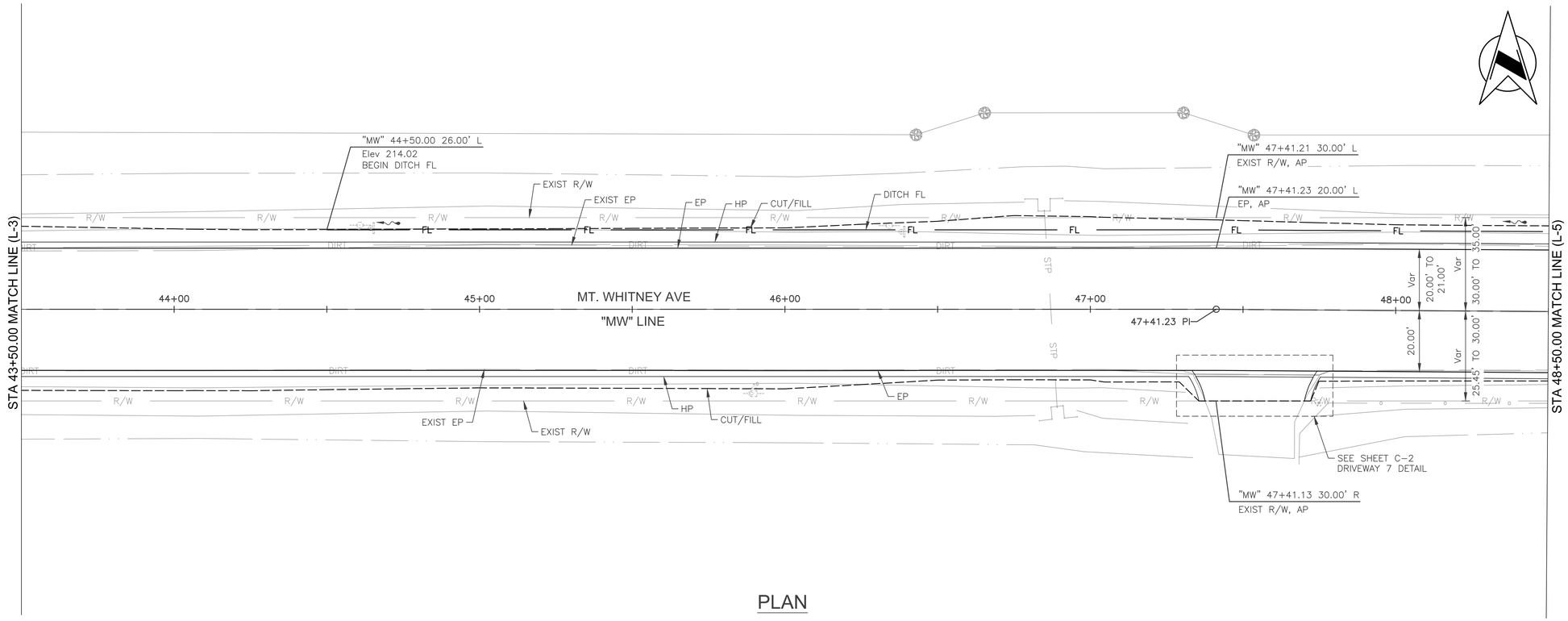
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

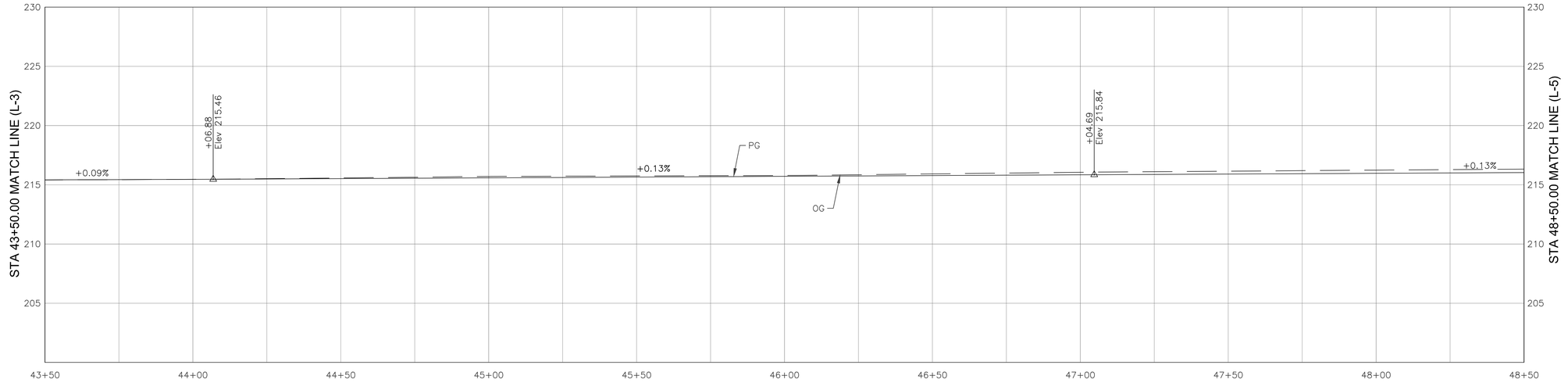
PLAN AND PROFILE

MT. WHITNEY AVE STA 38+50.00 TO STA 43+50.00

DRAWING NO. 11332 SHEET NO. L-3 TOTAL 80



PLAN



PROFILE

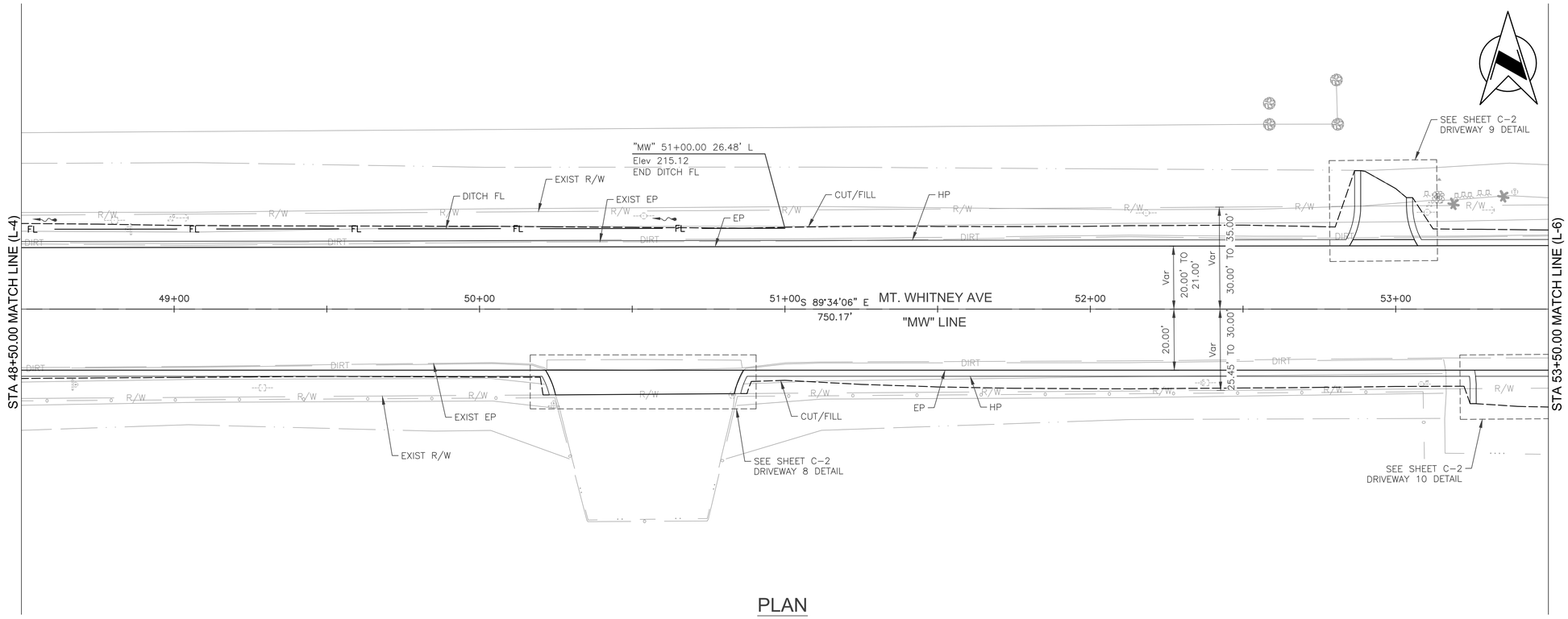
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CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

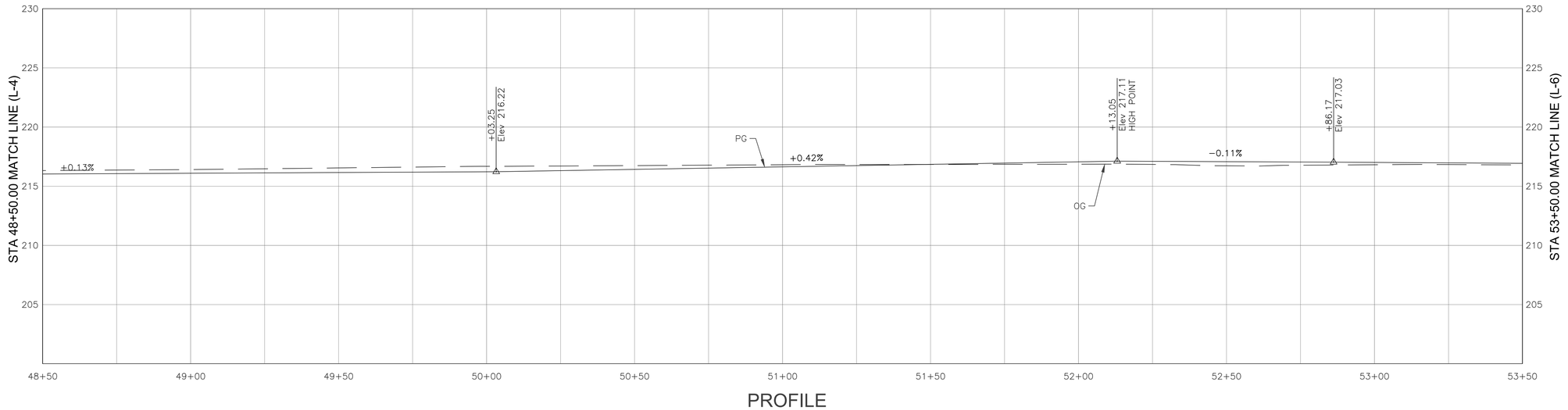
Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	PLAN AND PROFILE MT. WHITNEY AVE STA 43+50.00 TO STA 48+50.00
ROAD NO. BRIDGE NO.	DRAWING NO. 11332 SHEET NO. L-4 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

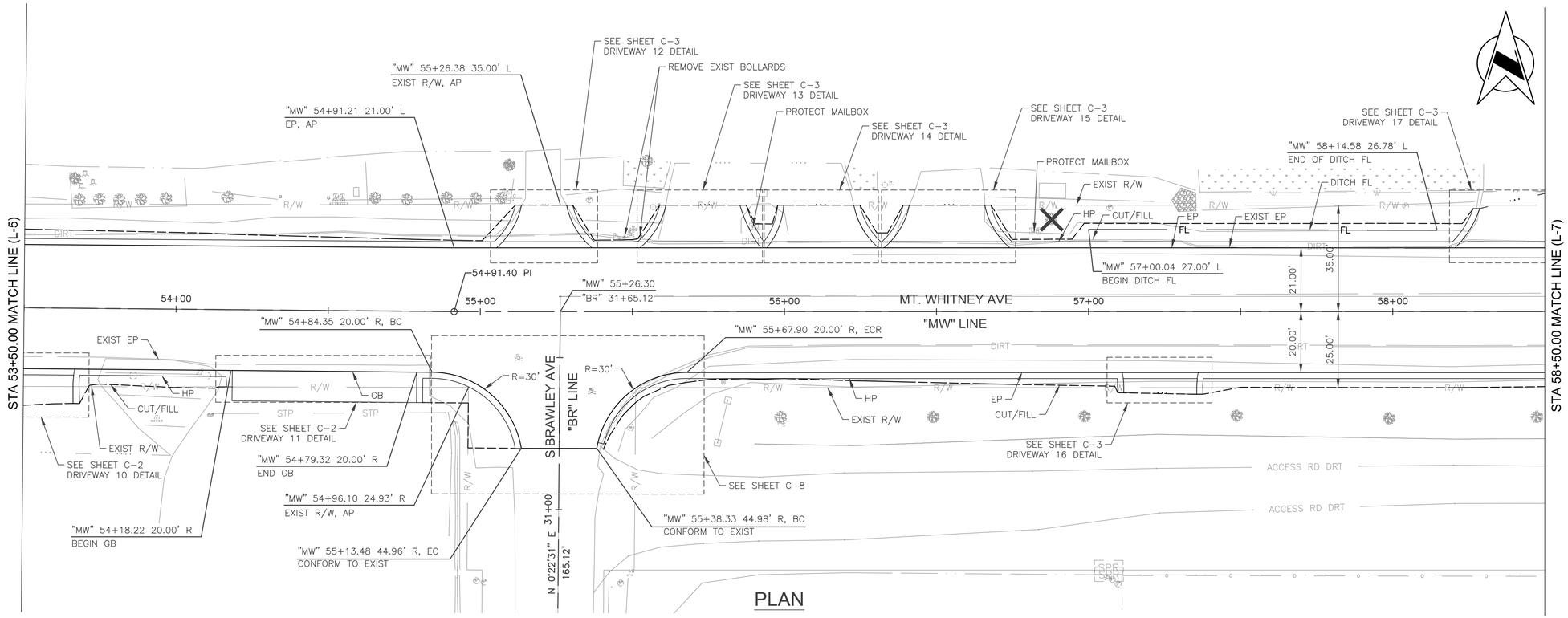
PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLAN AND PROFILE
MT. WHITNEY AVE STA 48+50.00 TO STA 53+50.00

DRAWING NO. 11332 SHEET NO. L-5 TOTAL 80



	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS

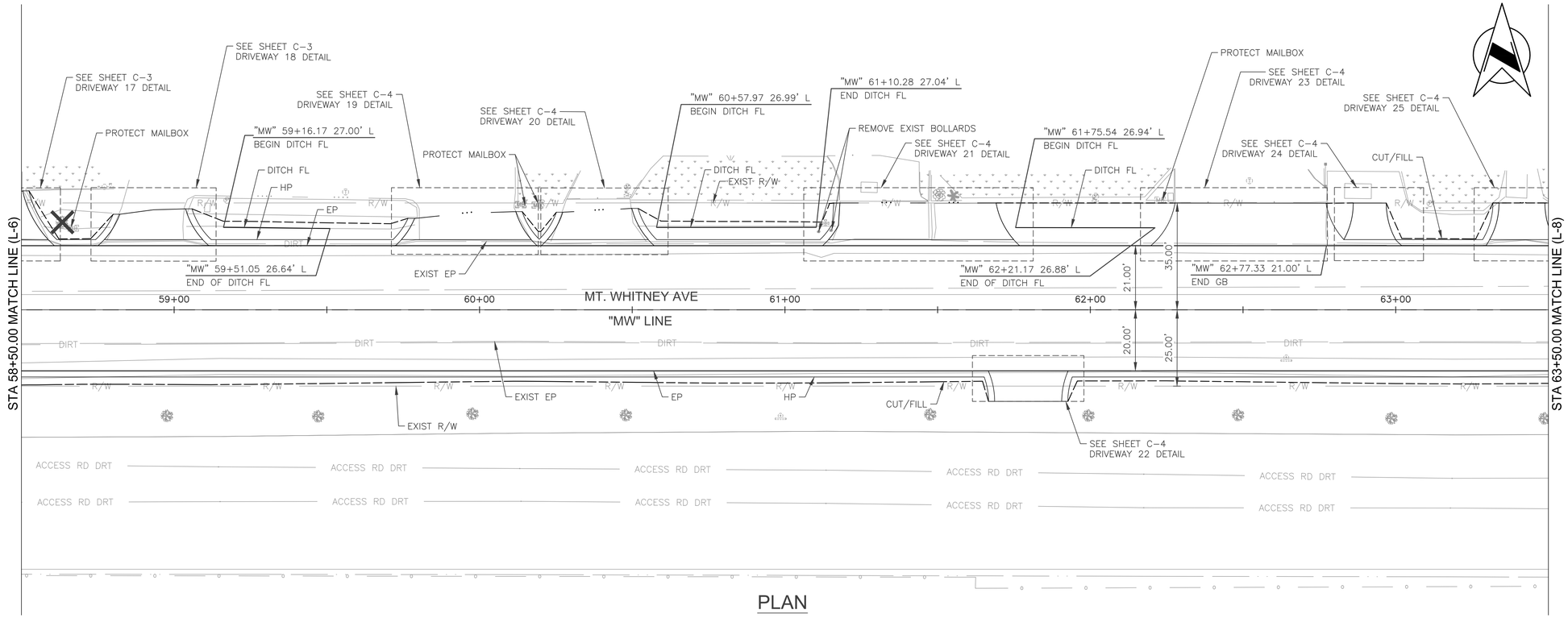
ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO

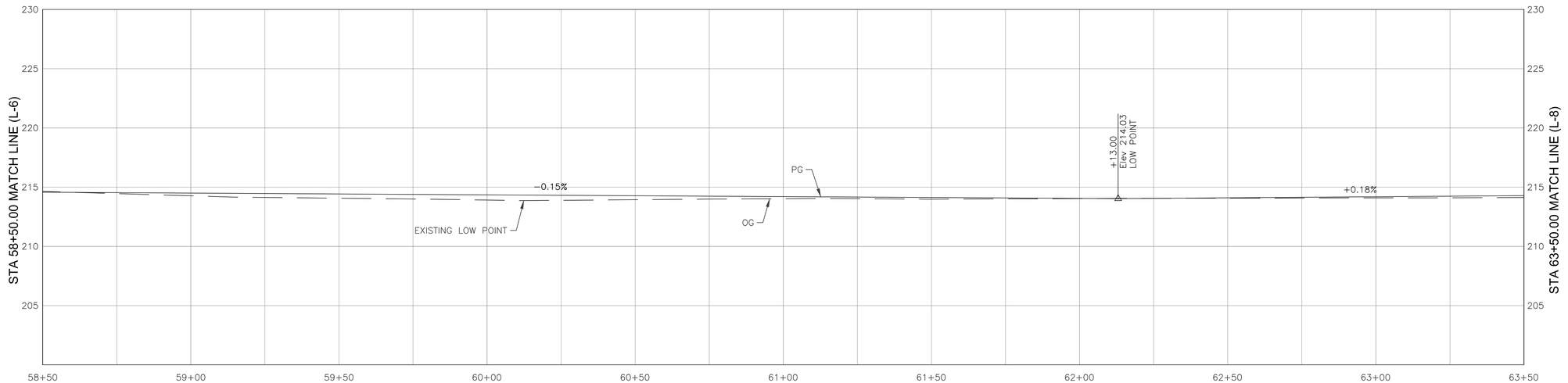
DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLAN AND PROFILE
MT. WHITNEY AVE STA 53+50.00 TO STA 58+50.00

DRAWING NO. 11332 SHEET NO. L-6 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING	
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE
DRAWN: E. BARCO			
CHECKED: G. GROSS			

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

SCALE

HORIZ 0 20' 40'

VERT 0 5' 10'

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

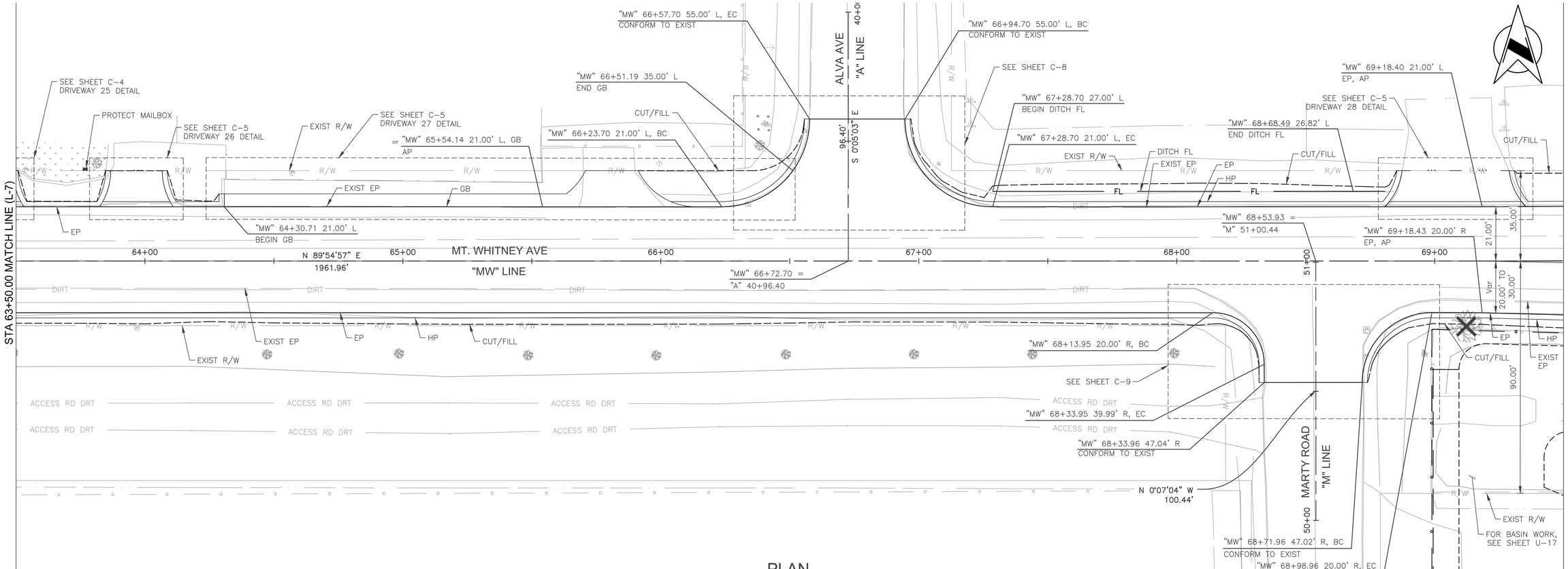
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

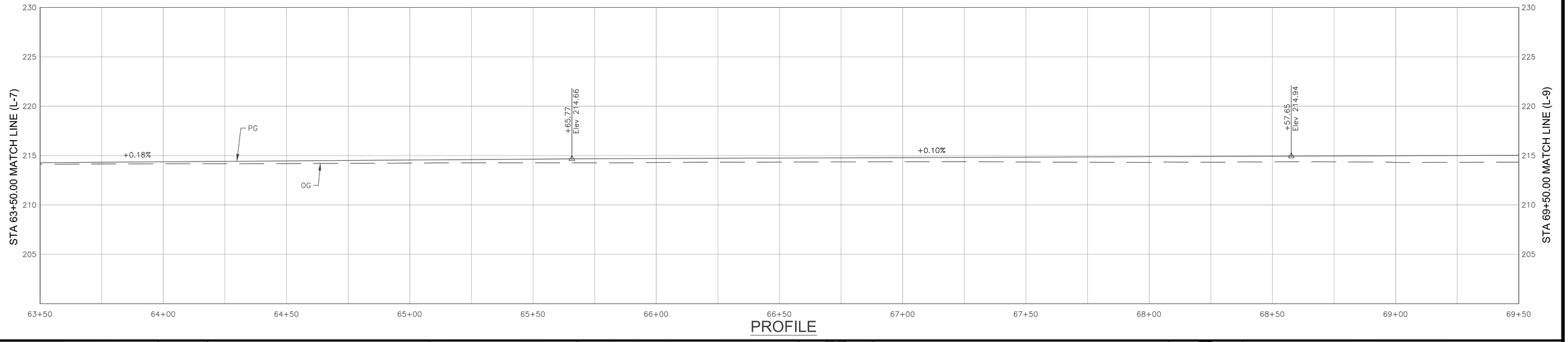
PLAN AND PROFILE

MT. WHITNEY AVE STA 58+50.00 TO STA 63+50.00

DRAWING NO. 11332 SHEET NO. L-7 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp. 6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

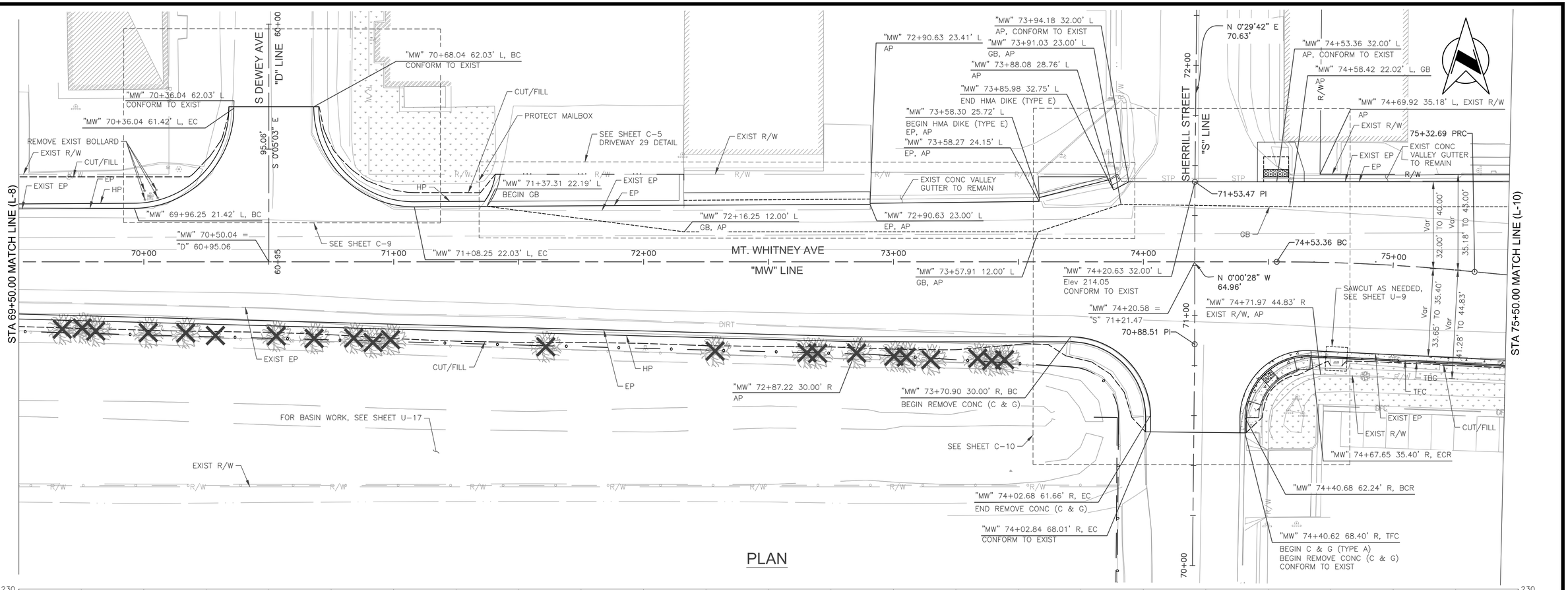
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLAN AND PROFILE

MT. WHITNEY AVE STA 63+50.00 TO STA 69+50.00

DRAWING NO. 11332 SHEET NO. L-8 TOTAL 80



	DATE	RECORD DRAWING	
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE
DRAWN: E. BARCO			
CHECKED: G. GROSS			

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

SCALE

HORIZ 0 20' 40'

VERT 0 5' 10'

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

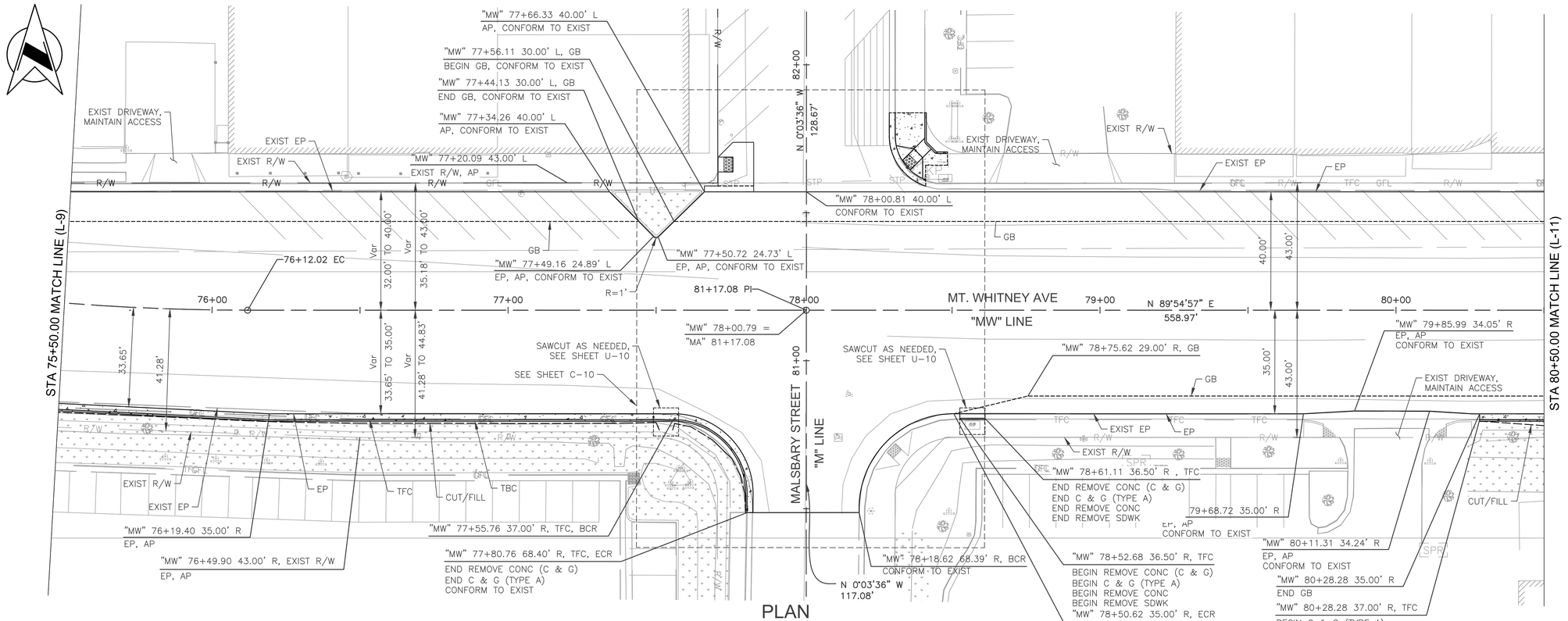
THE COUNTY OF FRESNO 1856

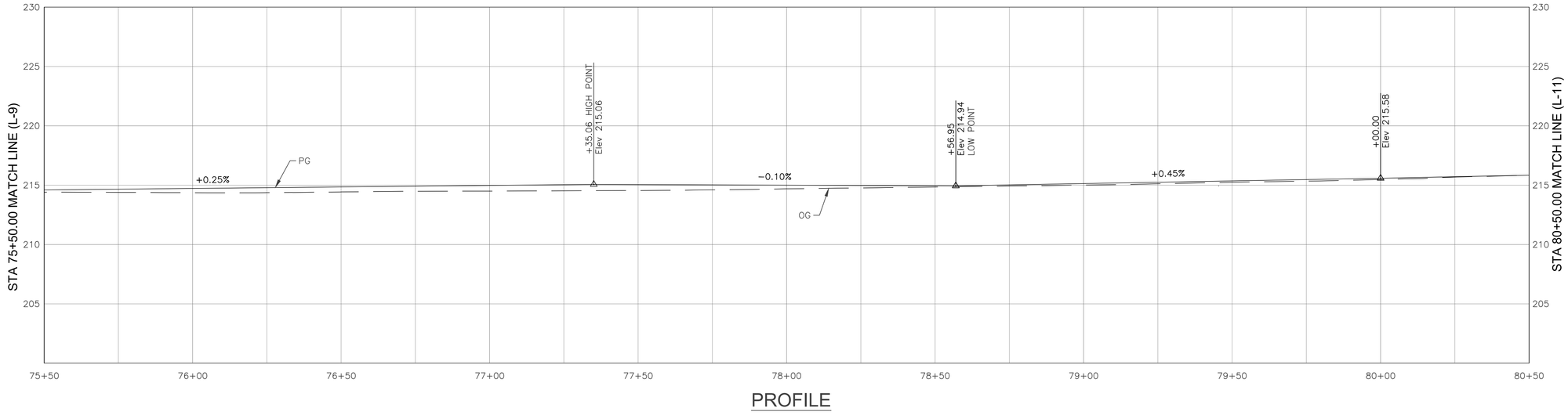
DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLAN AND PROFILE

MT. WHITNEY AVE STA 69+50.00 TO STA 75+50.00

DRAWING NO. 11332 SHEET NO. L-9 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

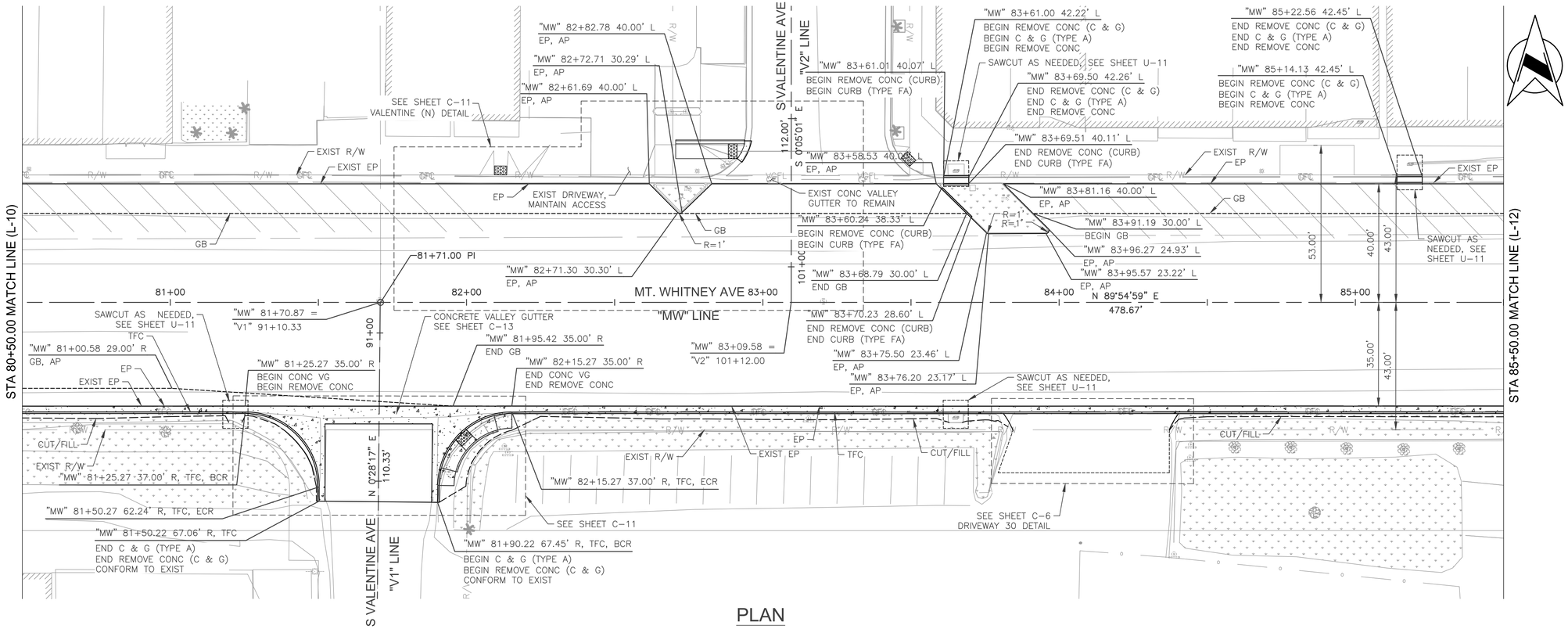
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

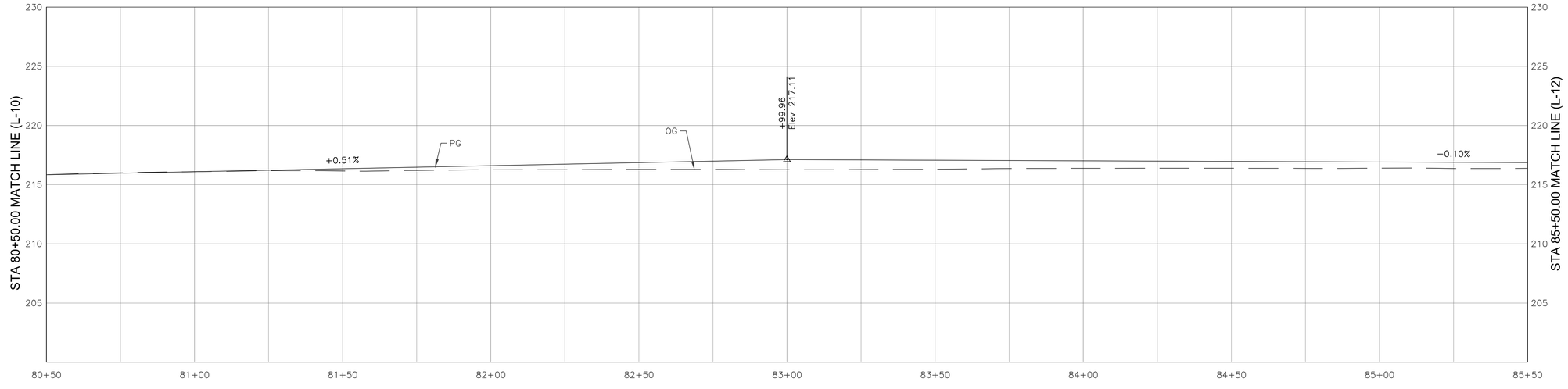
PLAN AND PROFILE

MT. WHITNEY AVE STA 75+50.00 TO STA 80+50.00

DRAWING NO. 11332 SHEET NO. L-10 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

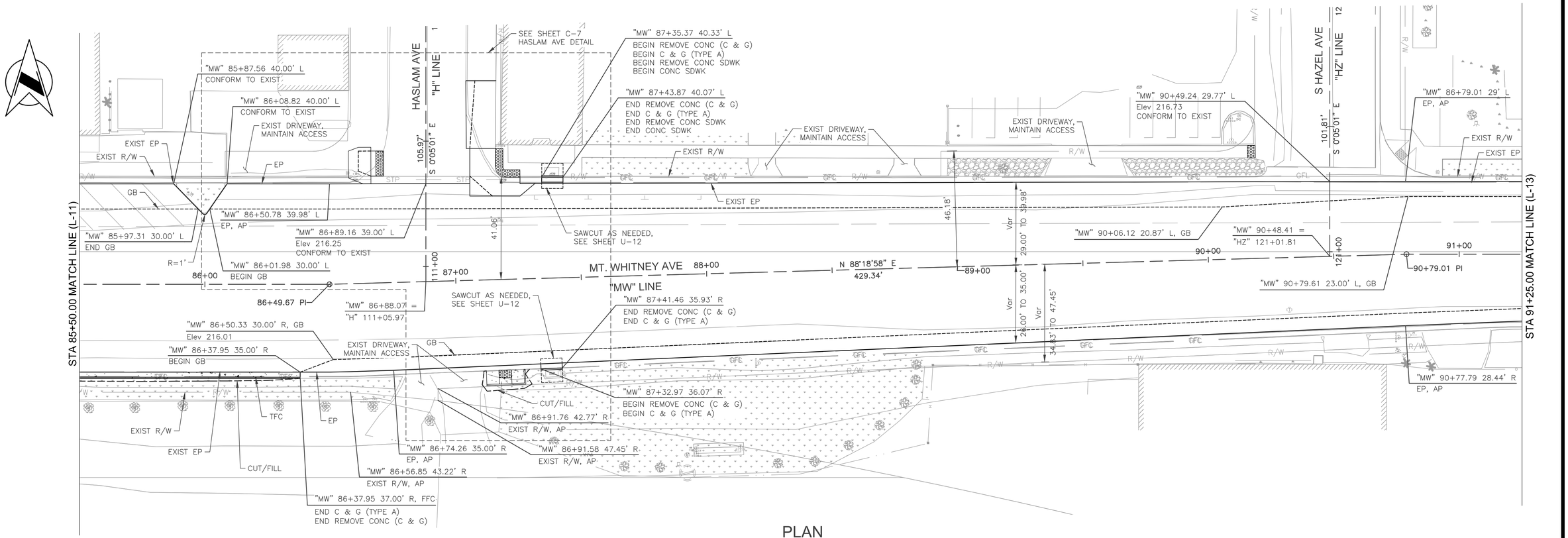
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

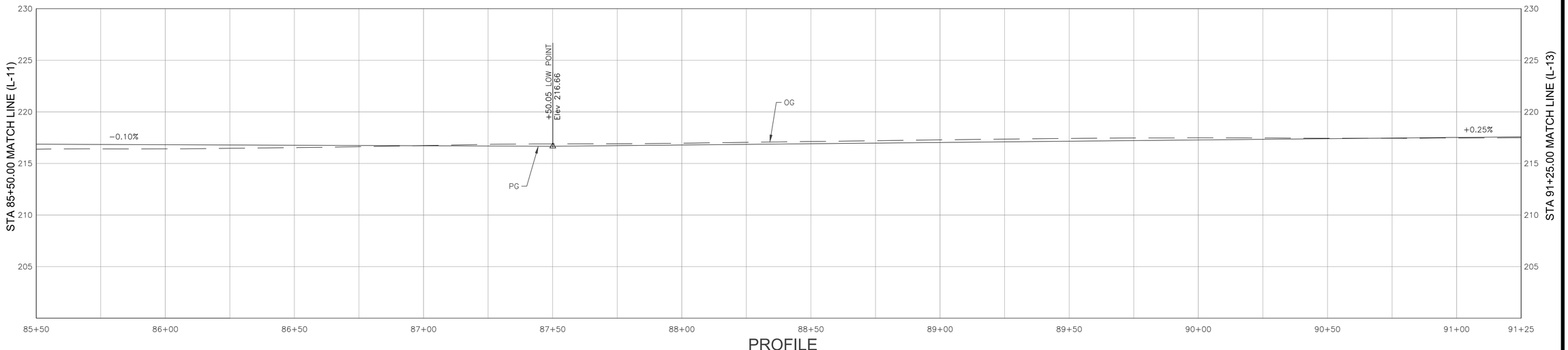
PLAN AND PROFILE

MT. WHITNEY AVE STA 80+50.00 TO STA 85+50.00

DRAWING NO. 11332 SHEET NO. L-11 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

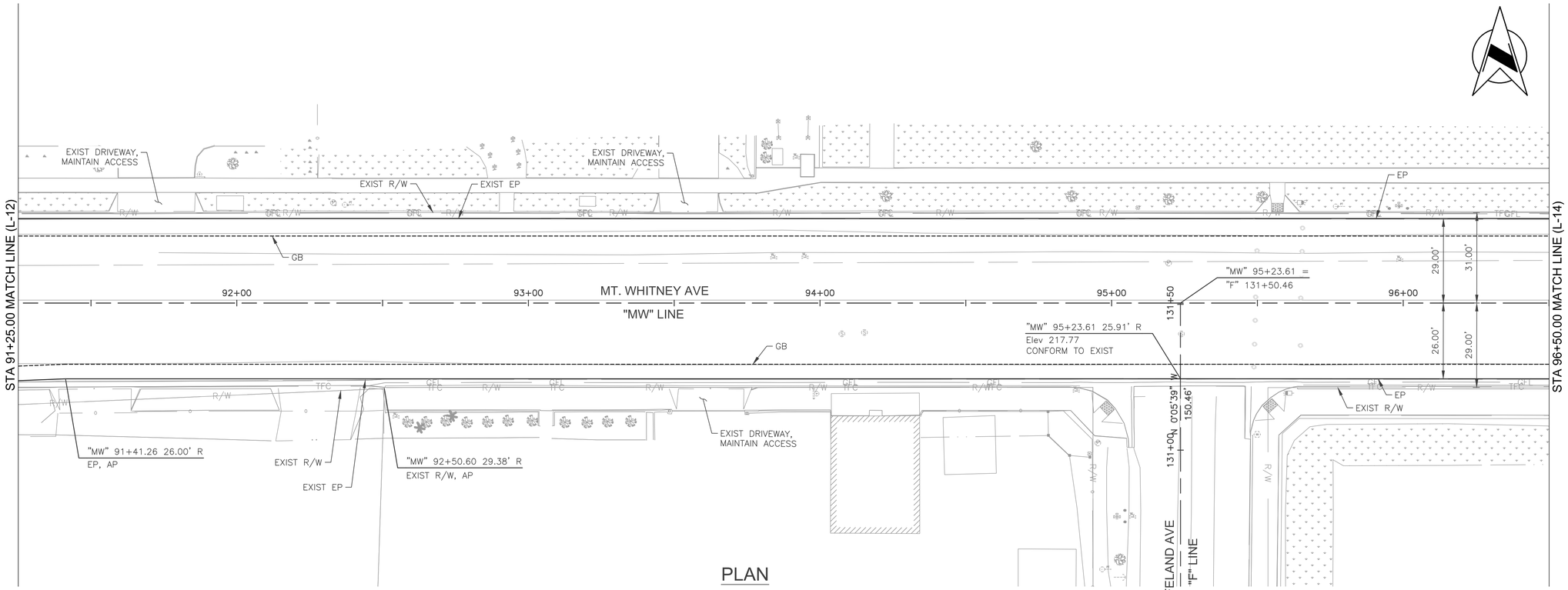
THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

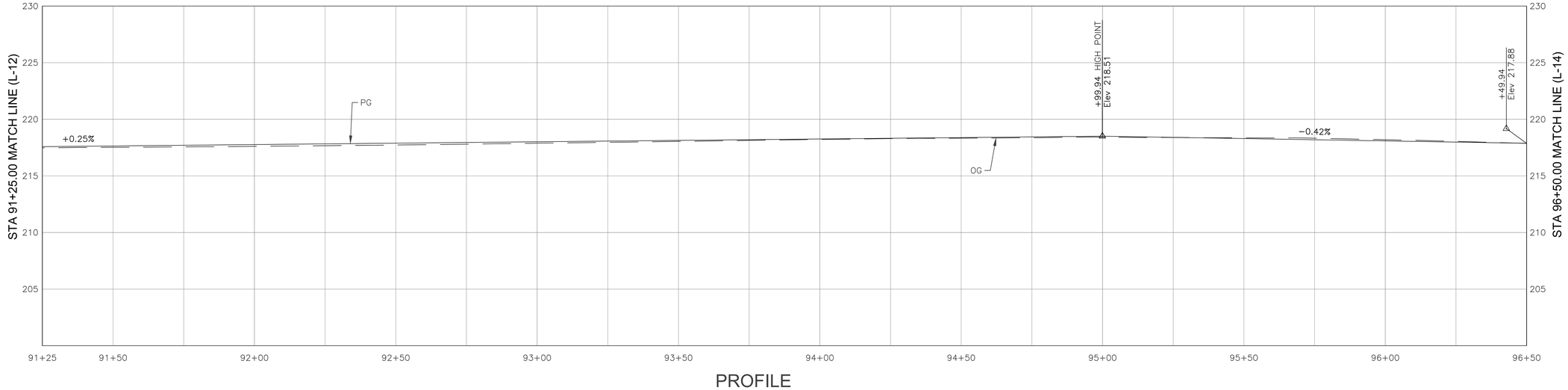
PLAN AND PROFILE

MT. WHITNEY AVE STA 85+50.00 TO STA 91+25.00

DRAWING NO. 11332 SHEET NO. L-12 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

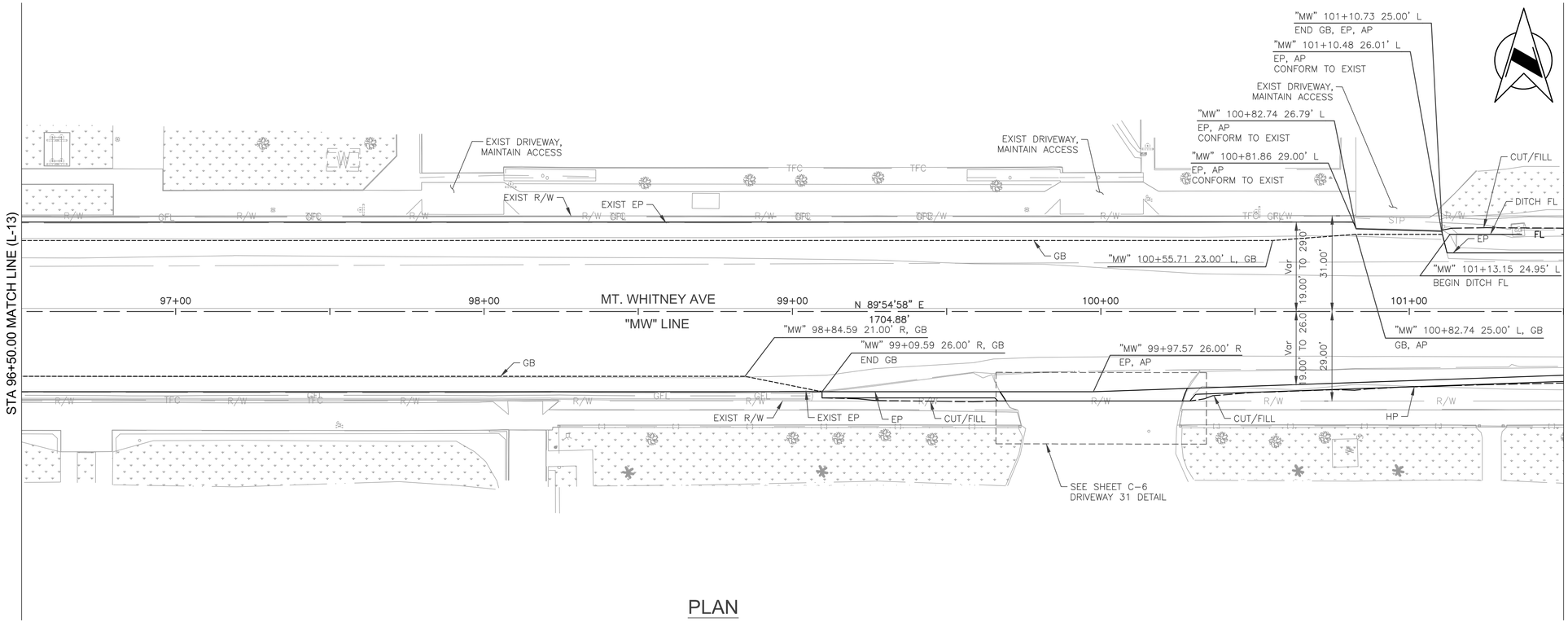
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

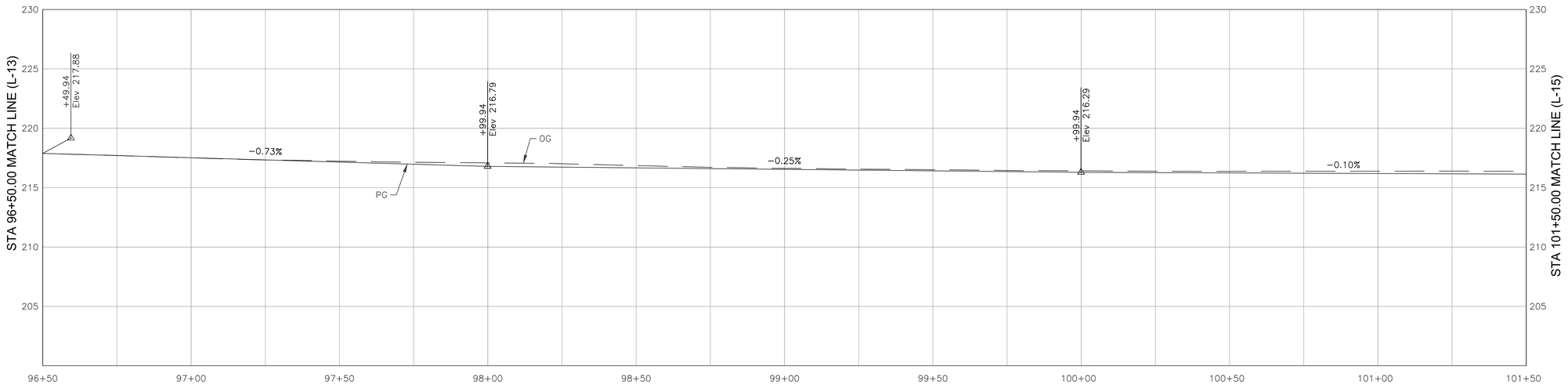
PLAN AND PROFILE

MT. WHITNEY AVE STA 91+25.00 TO STA 96+50.00

DRAWING NO. 11332 SHEET NO. L-13 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

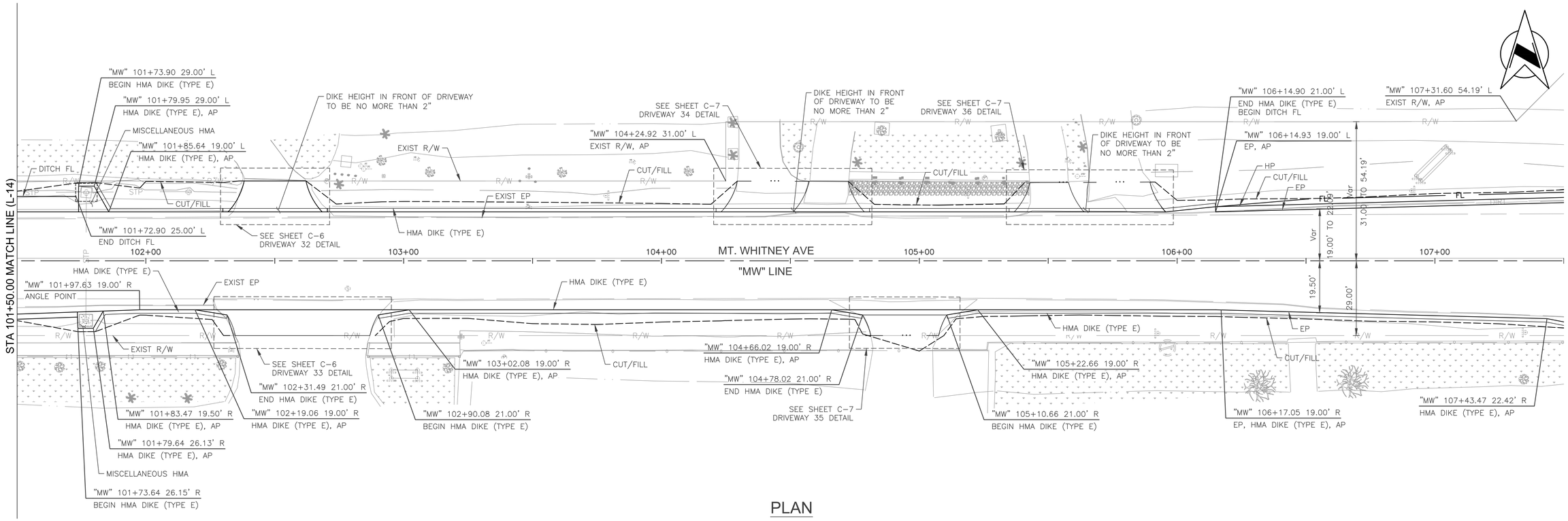
PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

COUNTY OF FRESNO

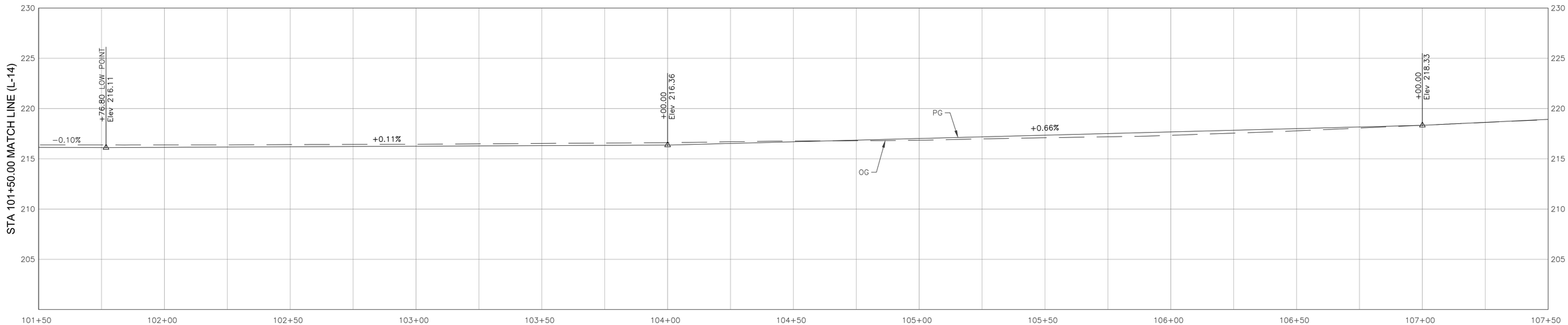
DEPARTMENT OF PUBLIC WORKS AND PLANNING

PLAN AND PROFILE
MT. WHITNEY AVE
STA 96+50.00 TO STA 101+50.00

DRAWING NO. 11332 SHEET NO. L-14 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

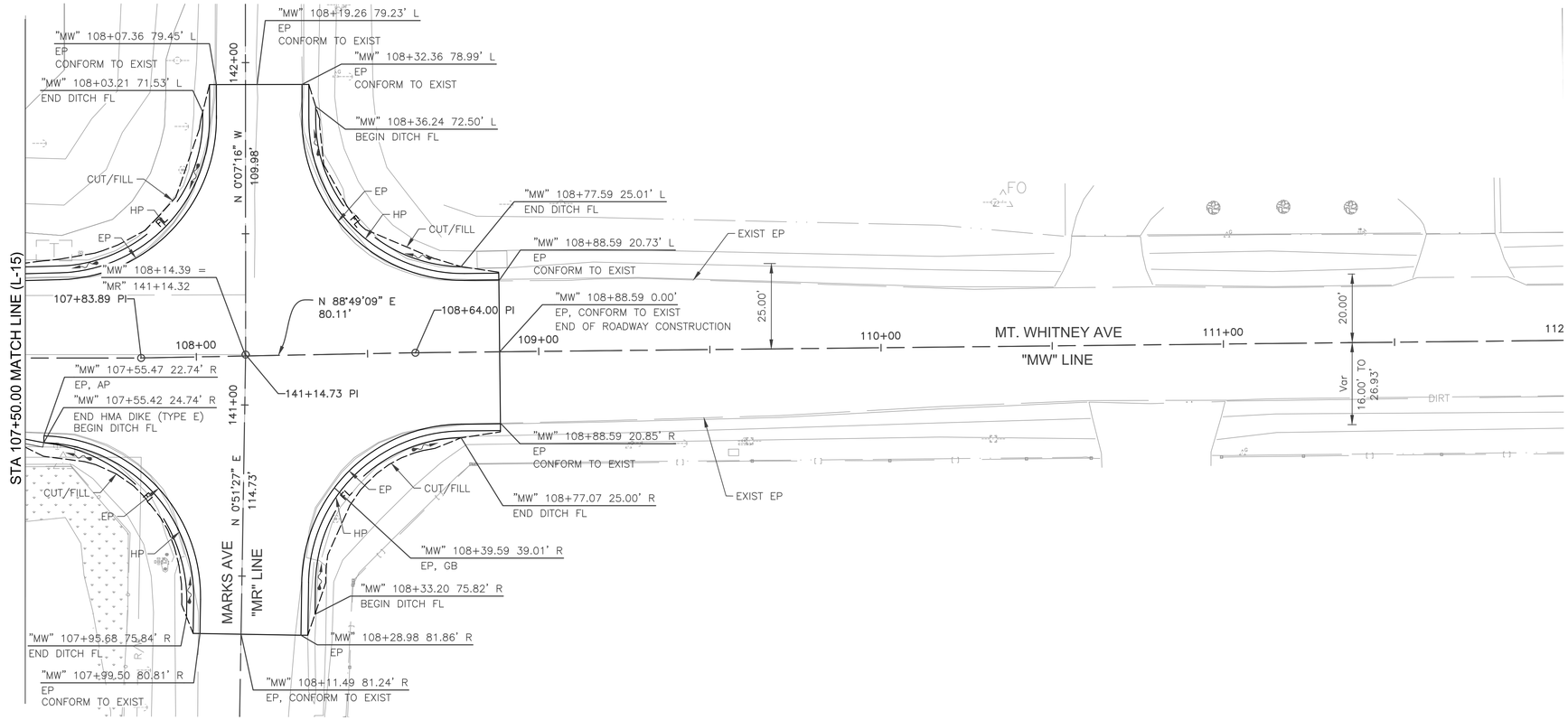
Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

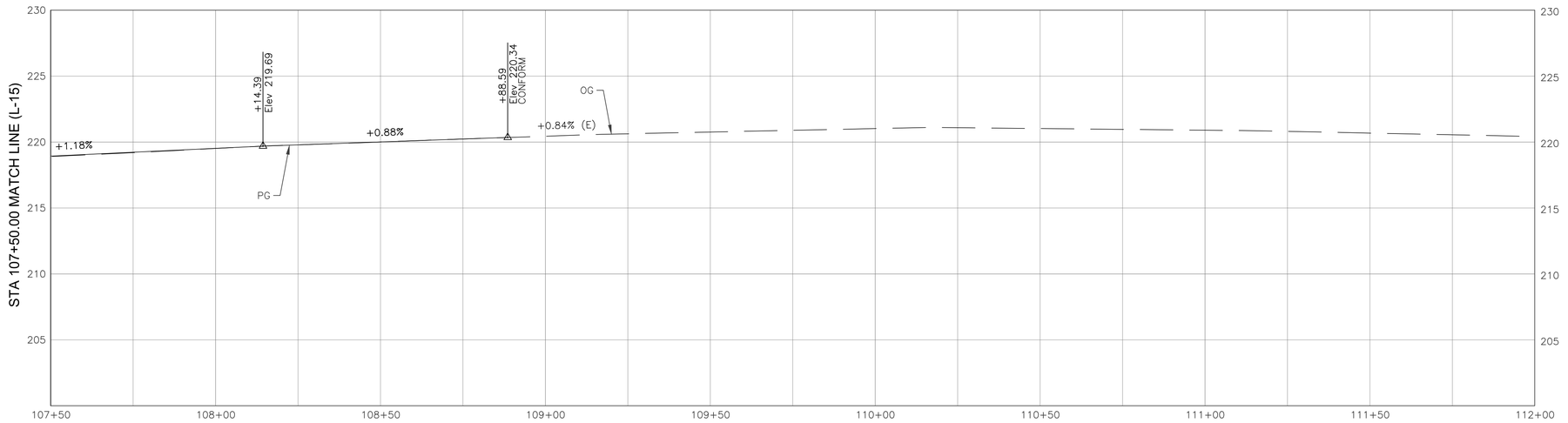
PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING		
PLAN AND PROFILE MT. WHITNEY AVE STA 101+50.00 TO STA 107+50.00		
DRAWING NO. 11332	SHEET NO. L-15	TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

COUNTY OF FRESNO

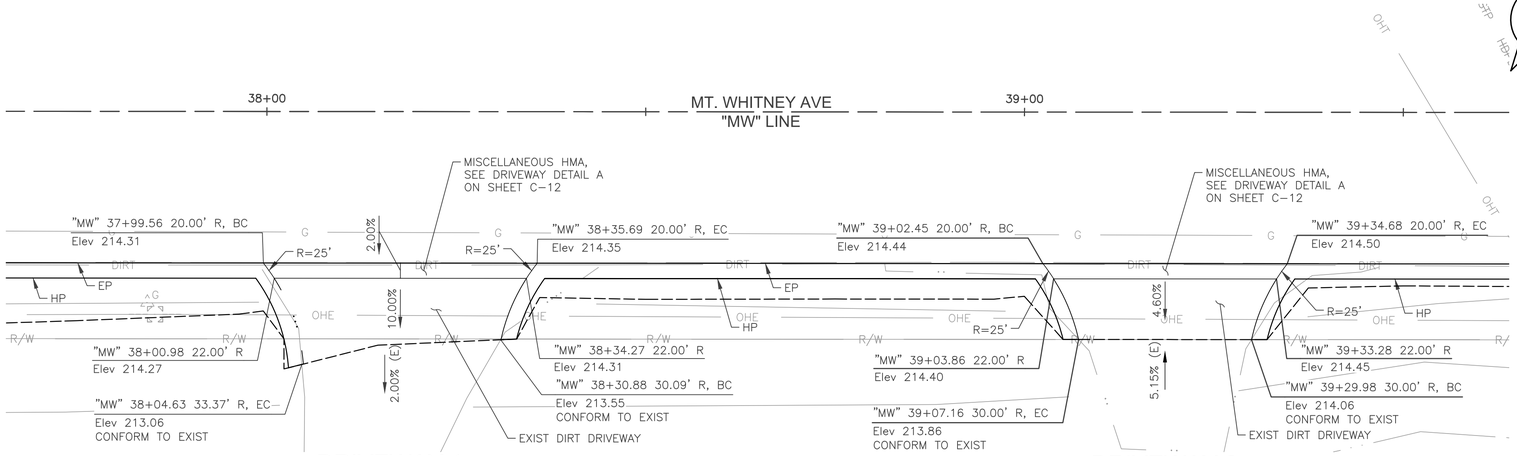
DEPARTMENT OF PUBLIC WORKS AND PLANNING			
PLAN AND PROFILE MT. WHITNEY AVE STA 107+50.00 TO STA 112+00.00			
DRAWING NO. 11332	SHEET NO. L-16	TOTAL	80

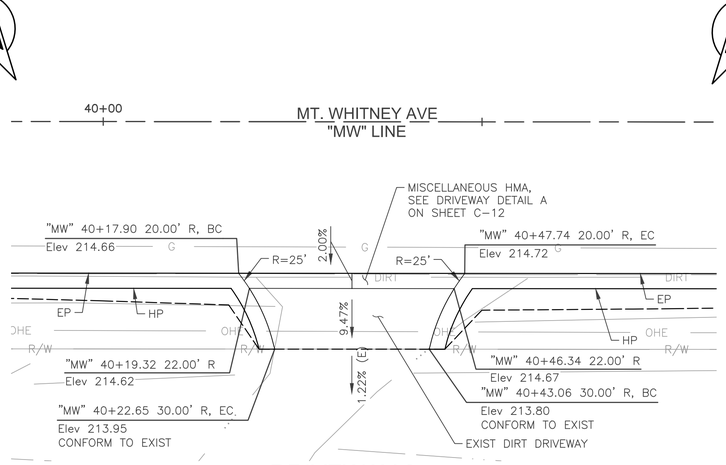
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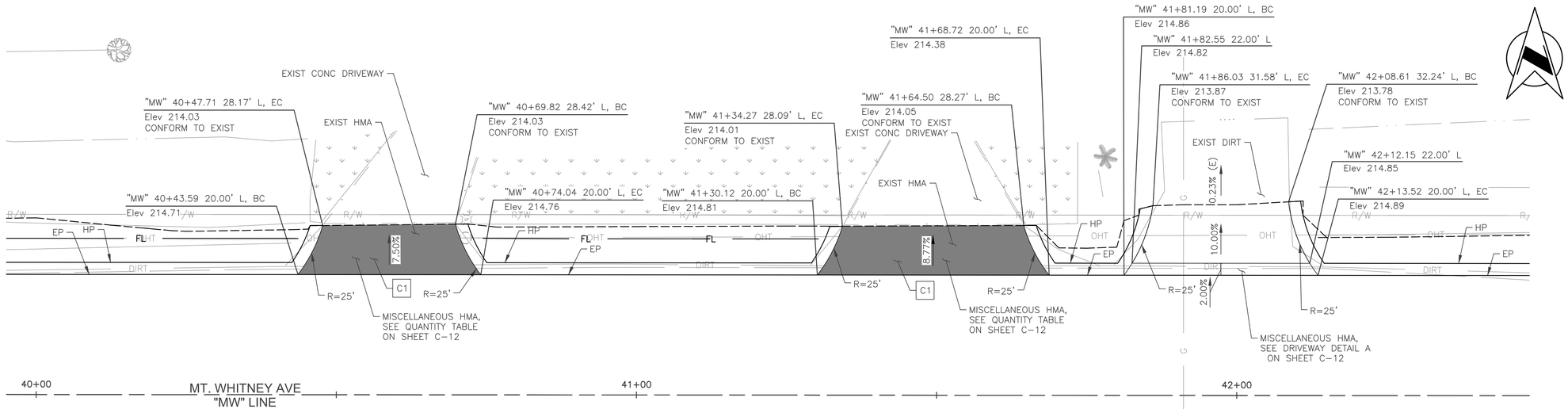
1. FOR DRIVEWAY FILL MATERIAL AND QUANTITY, SEE DRIVEWAY FILL QUANTITIES TABLE ON SHEET C-12.

LEGEND:

C1 — 0.25' HMA (TYPE A)
0.50' SCARIFIED NATIVE SOIL COMPACTED TO 95% RELATIVE COMPACTION
PLACE MISC. HMA







	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 10' 20'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

COUNTY OF FRESNO

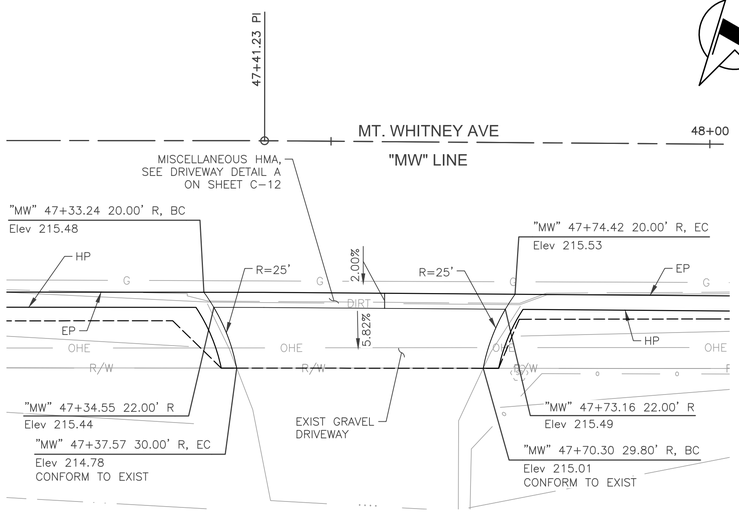
DEPARTMENT OF PUBLIC WORKS AND PLANNING
CONSTRUCTION DETAILS
DRAWING NO. 11332 SHEET NO. C-1 TOTAL 80

NOTES:

1. FOR DRIVEWAY FILL MATERIAL AND QUANTITY, SEE DRIVEWAY FILL QUANTITIES TABLE ON SHEET C-12.

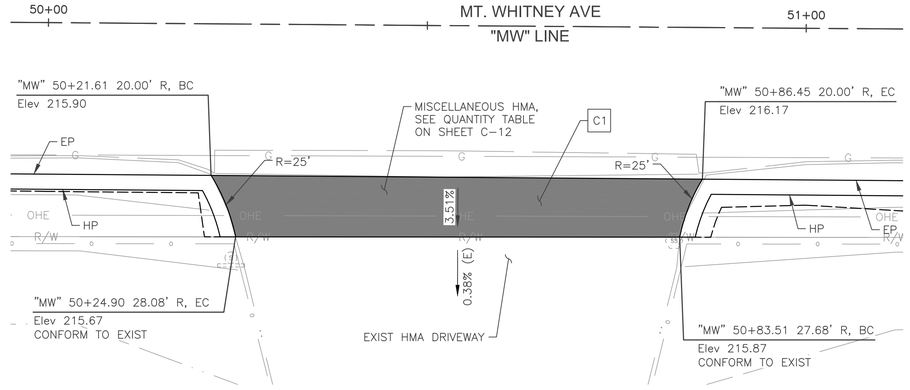
LEGEND:

C1 — 0.25' HMA (TYPE A)
0.50' SCARIFIED NATIVE SOIL COMPACTED TO 95% RELATIVE COMPACTION
PLACE MISC. HMA



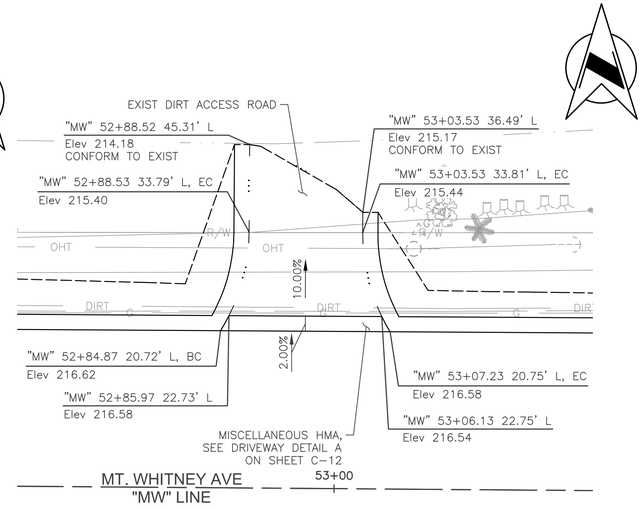
DRIVEWAY 7

SCALE: 1"=10'



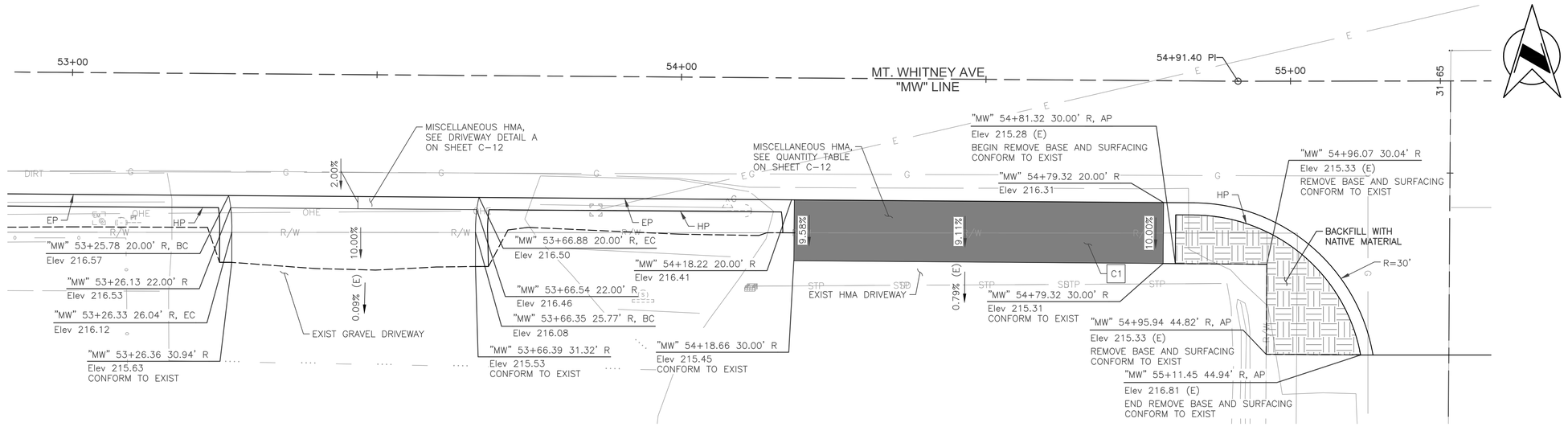
DRIVEWAY 8

SCALE: 1"=10'



DRIVEWAY 9

SCALE: 1"=10'



DRIVEWAY 10

SCALE: 1"=10'

DRIVEWAY 11

SCALE: 1"=10'

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 10' 20'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO

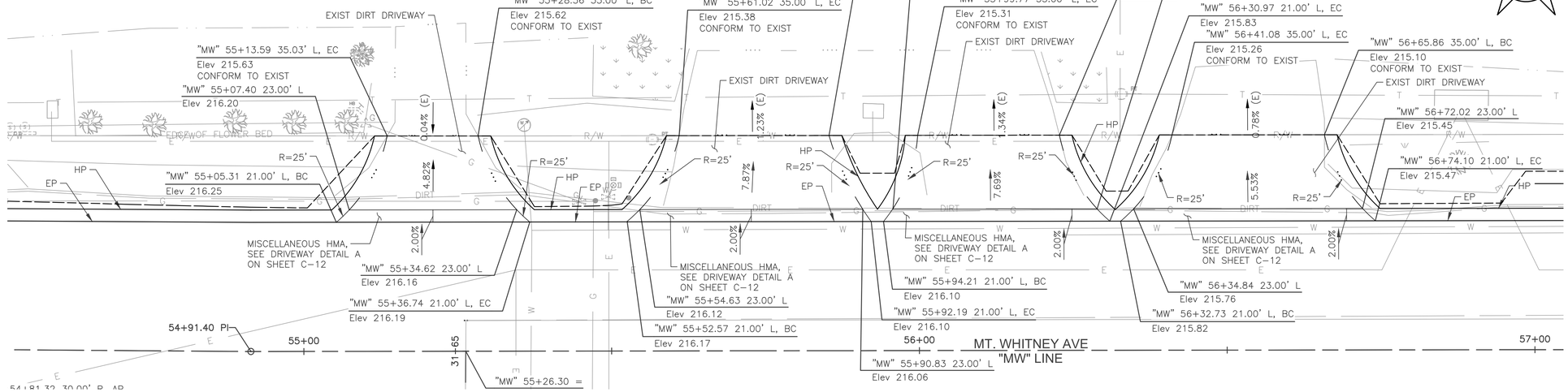
DEPARTMENT OF PUBLIC WORKS AND PLANNING
CONSTRUCTION DETAILS
DRAWING NO. 11332 SHEET NO. C-2 TOTAL 80

NOTES:

1. FOR DRIVEWAY FILL MATERIAL AND QUANTITY, SEE DRIVEWAY FILL QUANTITIES TABLE ON SHEET C-12.

LEGEND:

C1 — 0.25' HMA (TYPE A)
0.50' SCARIFIED NATIVE SOIL COMPACTED TO 95% RELATIVE COMPACTION
PLACE MISC. HMA



DRIVEWAY 12

SCALE: 1"=10'

DRIVEWAY 13

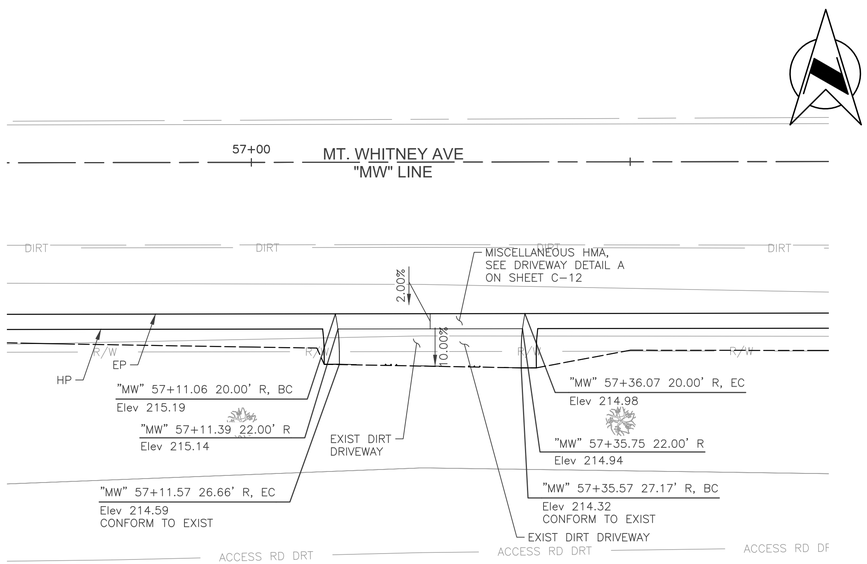
SCALE: 1"=10'

DRIVEWAY 14

SCALE: 1"=10'

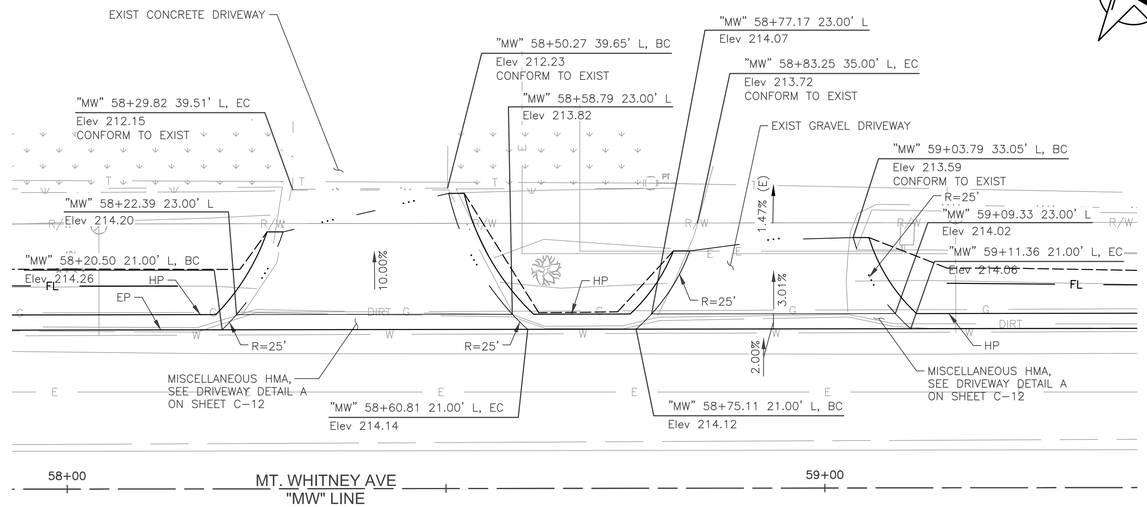
DRIVEWAY 15

SCALE: 1"=10'



DRIVEWAY 16

SCALE: 1"=10'



DRIVEWAY 17

SCALE: 1"=10'

DRIVEWAY 18

SCALE: 1"=10'

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 10' 20'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO

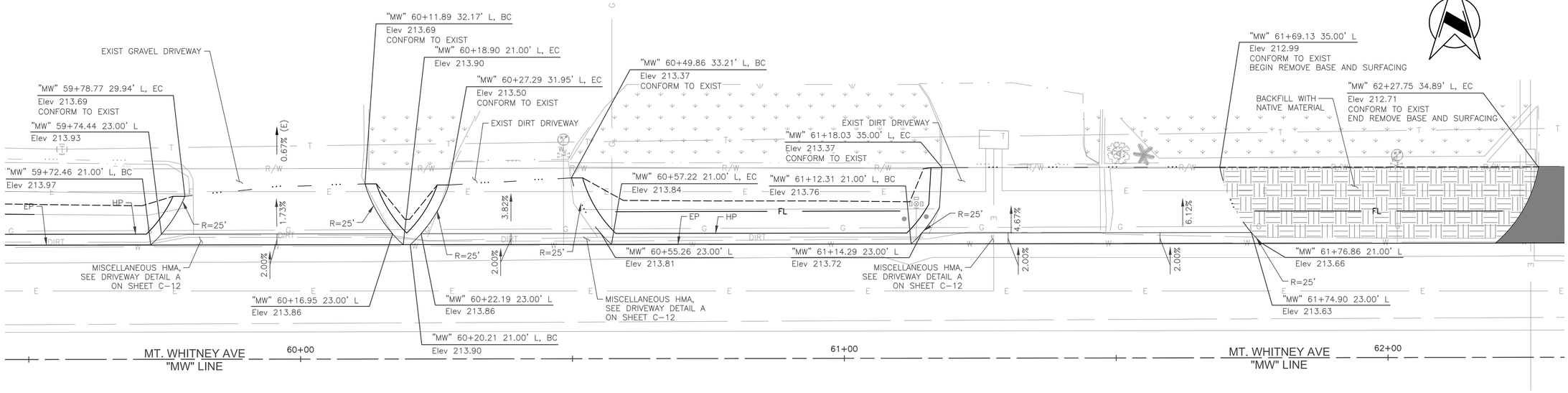
DEPARTMENT OF PUBLIC WORKS AND PLANNING
CONSTRUCTION DETAILS
DRAWING NO. 11332 SHEET NO. C-3 TOTAL 80

NOTES:

1. FOR DRIVEWAY FILL MATERIAL AND QUANTITY, SEE DRIVEWAY FILL QUANTITIES TABLE ON SHEET C-12.

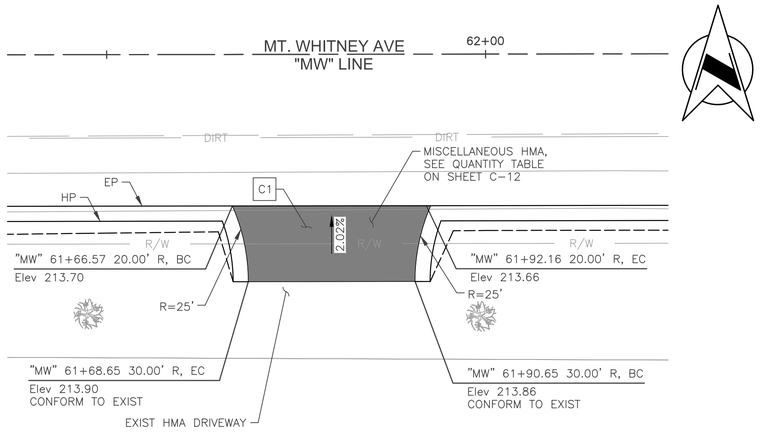
LEGEND:

C1 — 0.25' HMA (TYPE A)
0.50' SCARIFIED NATIVE SOIL COMPACTED TO 95% RELATIVE COMPACTION
PLACE MISC. HMA



DRIVEWAY 19

SCALE: 1"=10'

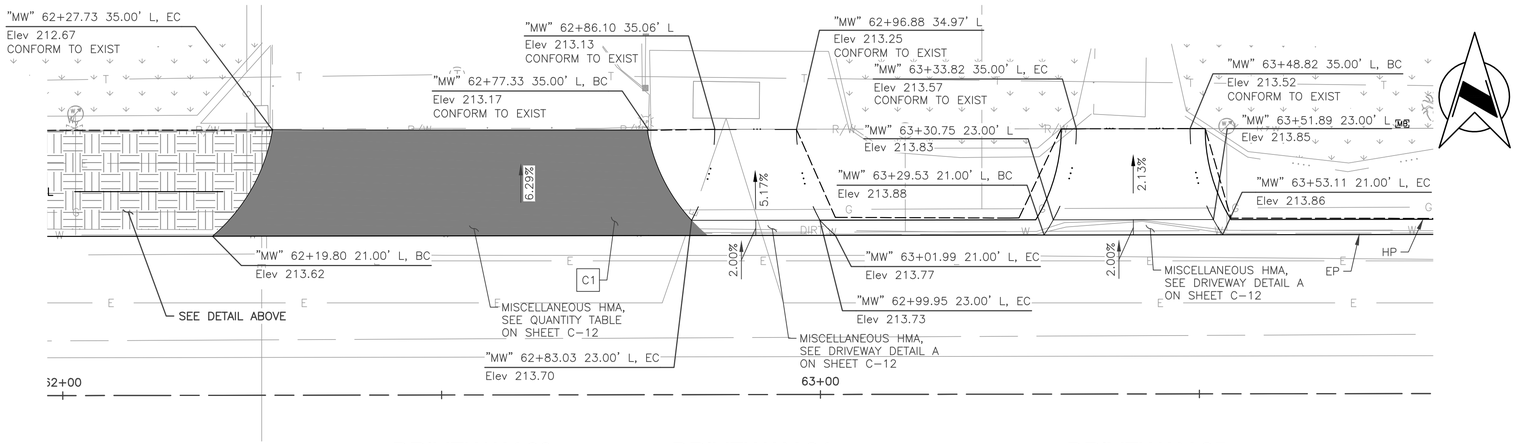


DRIVEWAY 20

SCALE: 1"=10'

DRIVEWAY 21

SCALE: 1"=10'



DRIVEWAY 22

SCALE: 1"=10'

DRIVEWAY 23

SCALE: 1"=10'

DRIVEWAY 24

SCALE: 1"=10'

DRIVEWAY 25

SCALE: 1"=10'

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 10' 20'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

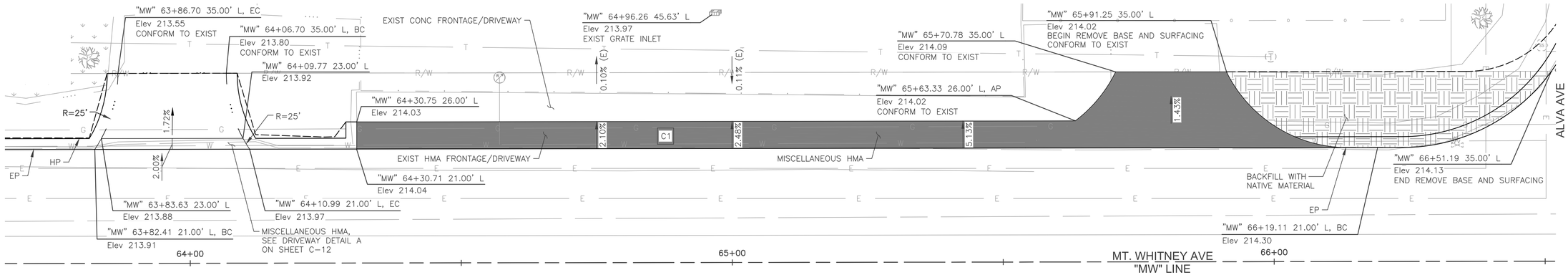
PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. 11332 SHEET NO. C-4 TOTAL 80

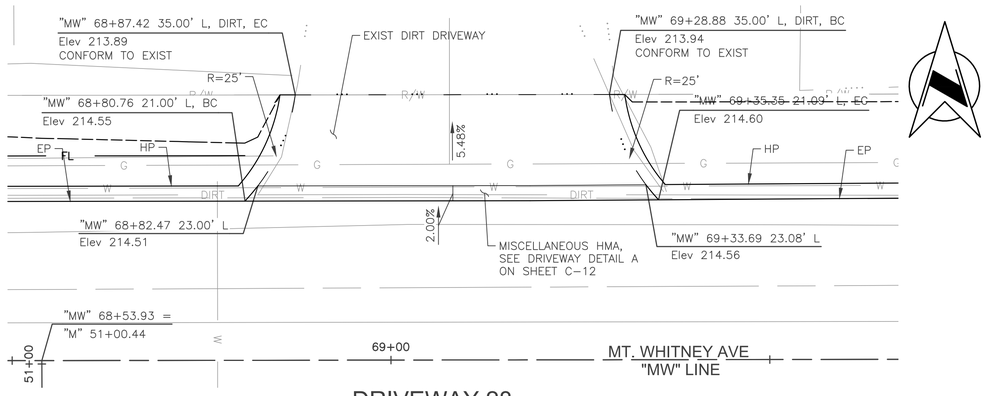


DRIVEWAY 26

SCALE: 1"=10'

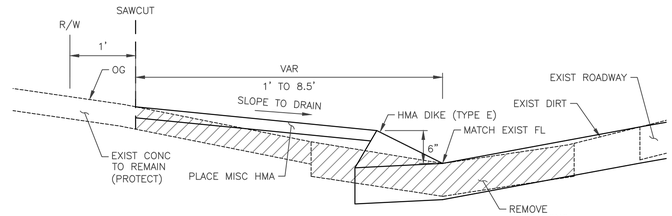
DRIVEWAY 27

SCALE: 1"=10'



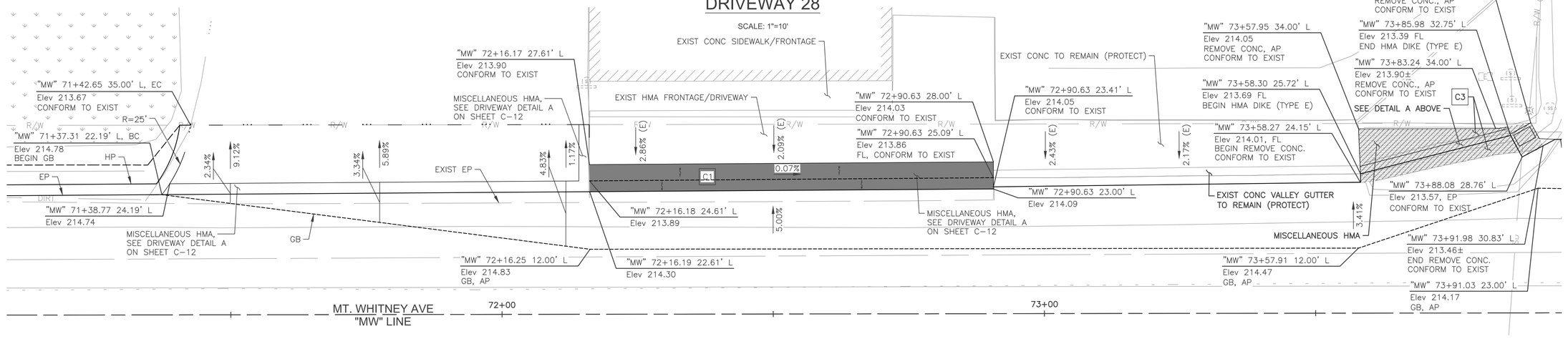
DRIVEWAY 28

SCALE: 1"=10'



DETAIL A

SCALE: N.T.S.



DRIVEWAY 29A

DRIVEWAY 29

SCALE: 1"=10'

DRIVEWAY 29B

NOTES:

1. FOR DRIVEWAY FILL MATERIAL AND QUANTITY, SEE DRIVEWAY FILL QUANTITIES TABLE ON SHEET C-12.

LEGEND:

- C1 — 0.25' HMA (TYPE A)
  0.50' SCARIFIED NATIVE SOIL COMPACTED TO 95% RELATIVE COMPACTION
  PLACE MISC. HMA
- C3 — 0.17' HMA (TYPE A) MIN
  PLACE MISC. HMA

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 10' 20'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

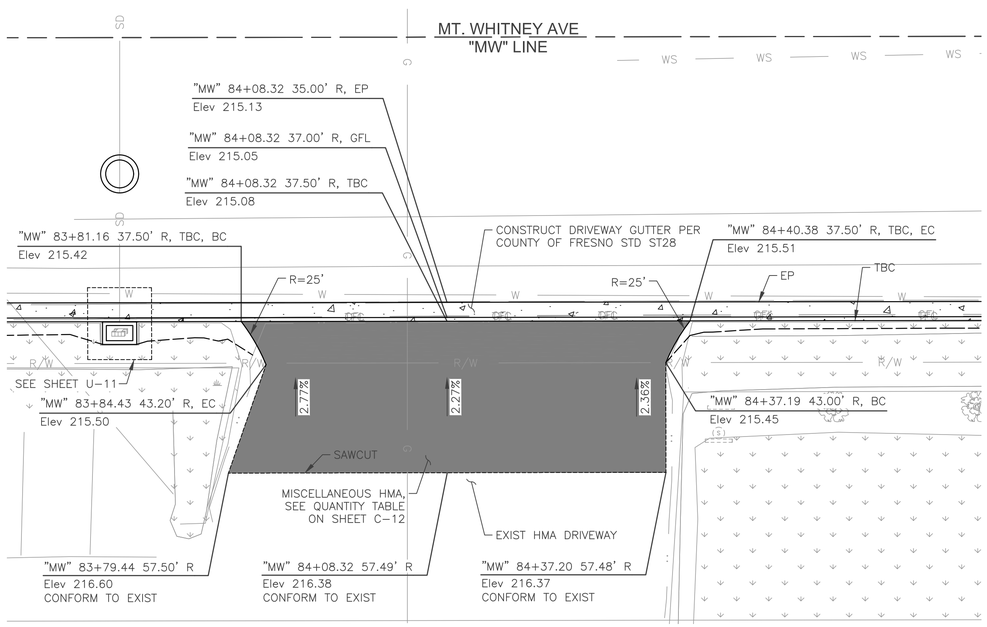
PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	CONSTRUCTION DETAILS
ROAD NO. BRIDGE NO.	DRAWING NO. 11332 SHEET NO. C-5 TOTAL 80

NOTES:

1. FOR DRIVEWAY FILL MATERIAL AND QUANTITY, SEE DRIVEWAY FILL QUANTITIES TABLE ON SHEET C-12.

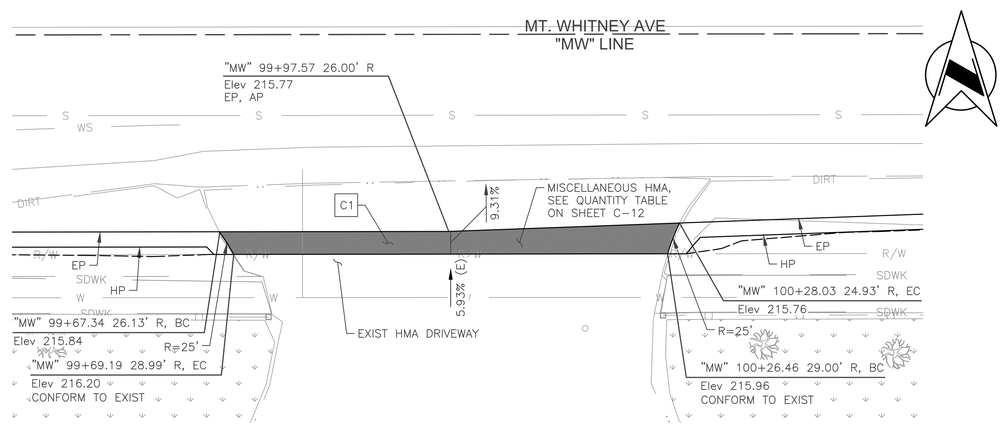
LEGEND:

C1 — 0.25' HMA (TYPE A)
0.50' SCARIFIED NATIVE SOIL COMPACTED TO 95% RELATIVE COMPACTION
PLACE MISC. HMA



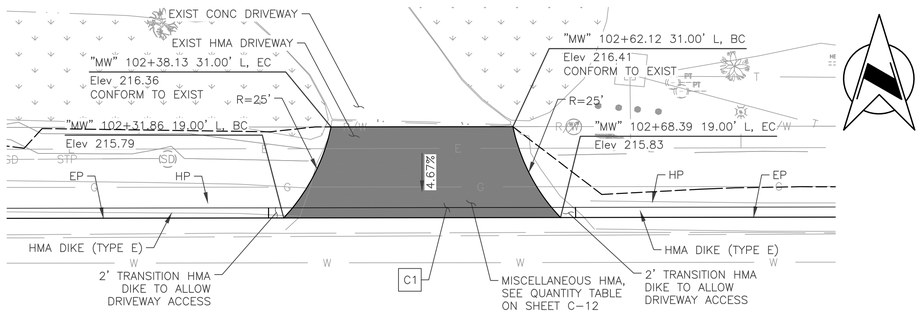
DRIVEWAY 30

SCALE: 1"=10'



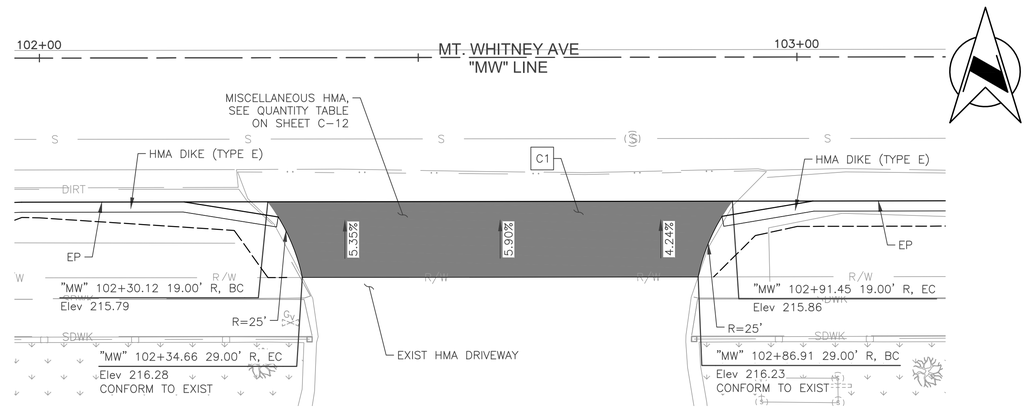
DRIVEWAY 31

SCALE: 1"=10'



DRIVEWAY 32

SCALE: 1"=10'



DRIVEWAY 33

SCALE: 1"=10'

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 10' 20'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 CIVIL — STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

THE COUNTY OF FRESNO

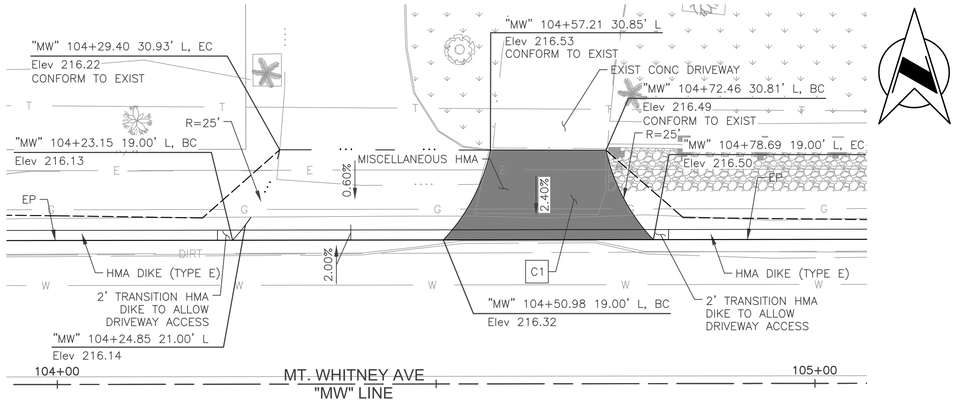
DEPARTMENT OF PUBLIC WORKS AND PLANNING		
CONSTRUCTION DETAILS		
DRAWING NO. 11332	SHEET NO. C-6	TOTAL 80

NOTES:

1. FOR DRIVEWAY FILL MATERIAL AND QUANTITY, SEE DRIVEWAY FILL QUANTITIES TABLE ON SHEET C-12.
2. CONTRACTOR TO INVESTIGATE EXISTING PIPE AND INLETS AND REPORT TO ENGINEER. ABANDON EXISTING DRAINAGE INLET.

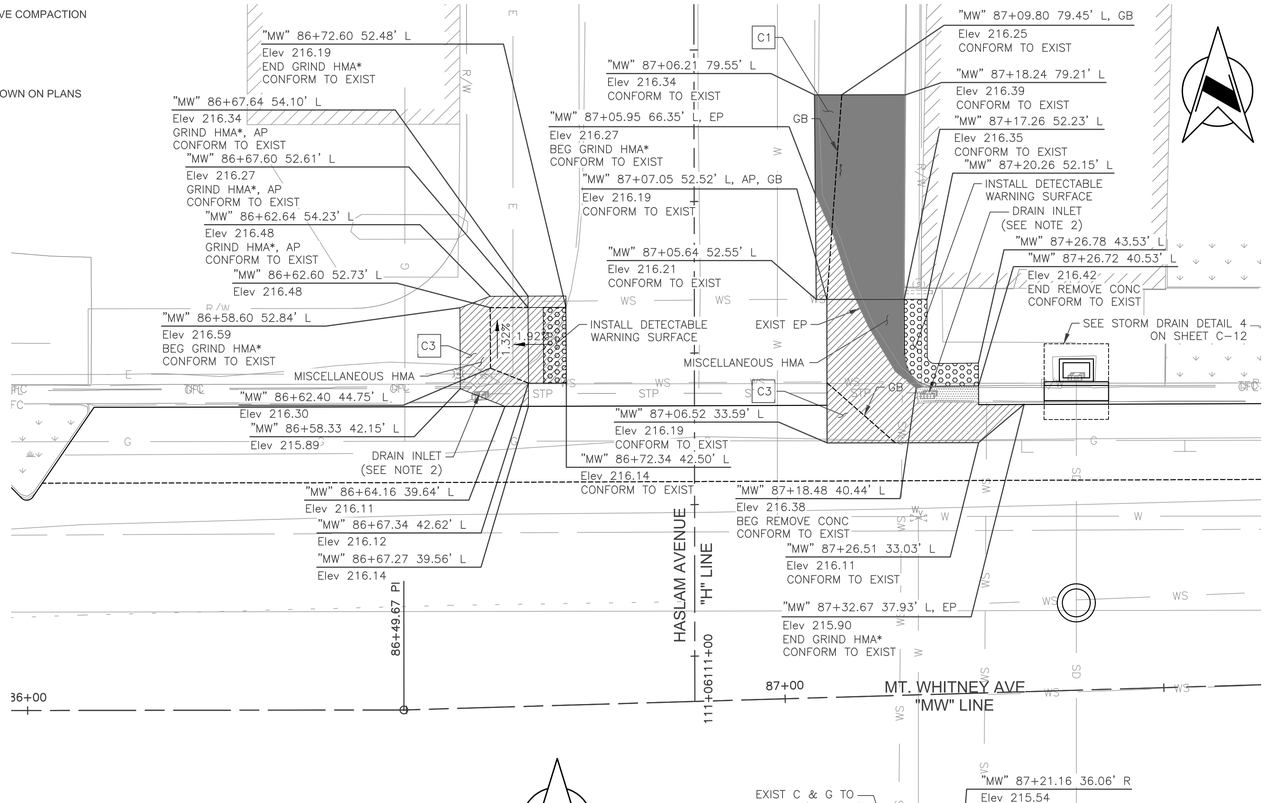
LEGEND:

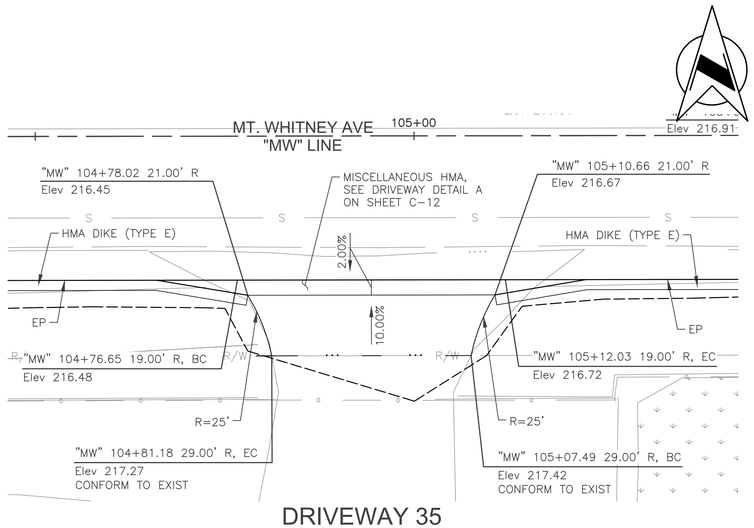
- C1 — 0.25' HMA (TYPE A) / 0.50' SCARIFIED NATIVE SOIL COMPACTED TO 95% RELATIVE COMPACTION / PLACE MISC. HMA
- C3 — 0.17' HMA (TYPE A) MIN / PLACE MISC. HMA
- CONSTRUCT DETECTABLE WARNING SURFACE WHERE SHOWN ON PLANS PER CALTRANS STANDARD A88A
- * GRIND HMA 0.08' BELOW FINISH GRADE ELEVATION



DRIVEWAY 34

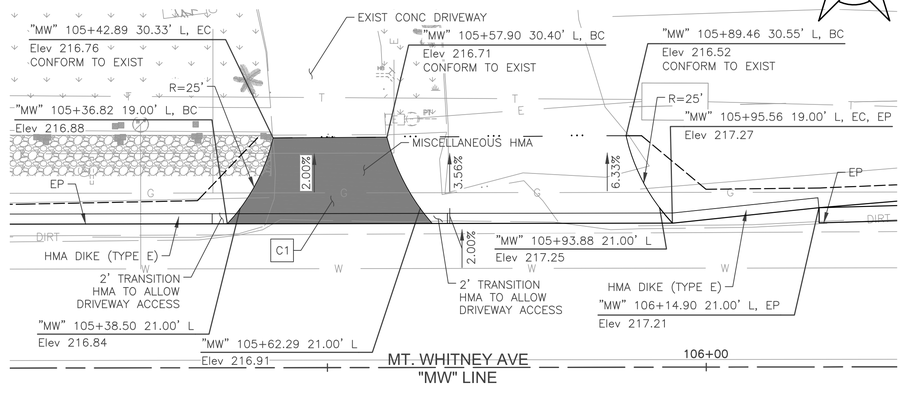
SCALE: 1"=10'





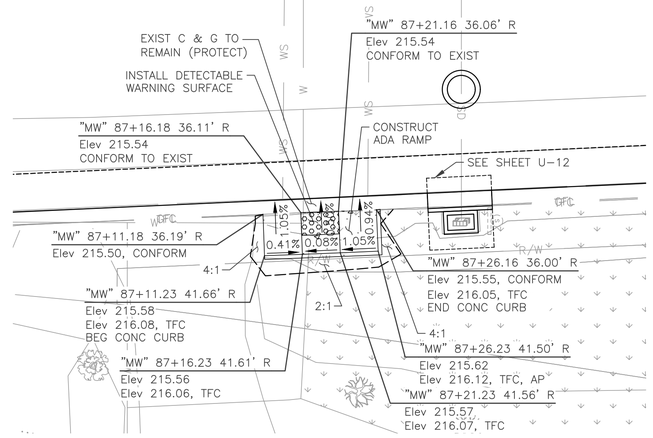
DRIVEWAY 35

SCALE: 1"=10'



DRIVEWAY 36

SCALE: 1"=10'



MT. WHITNEY AVE AT HASLAM AVENUE

SCALE: 1"=10'

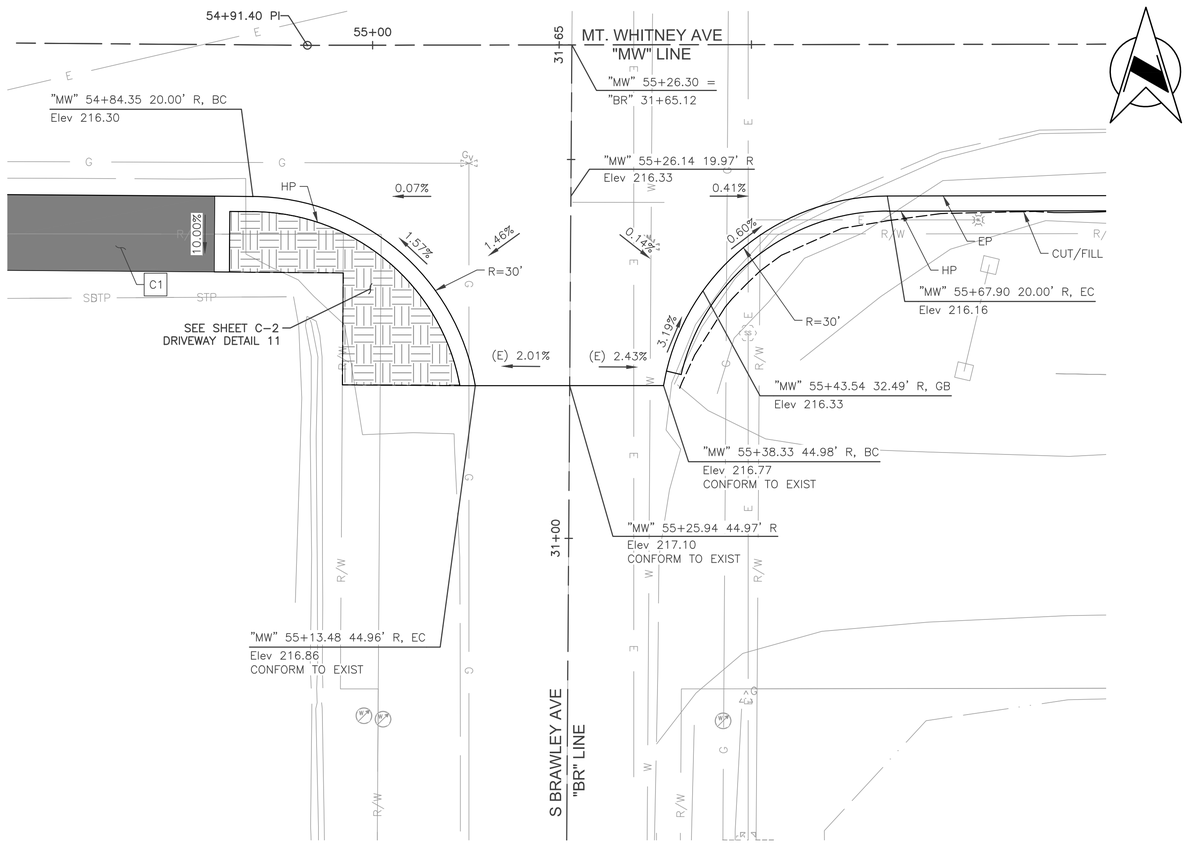
	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 10' 20'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

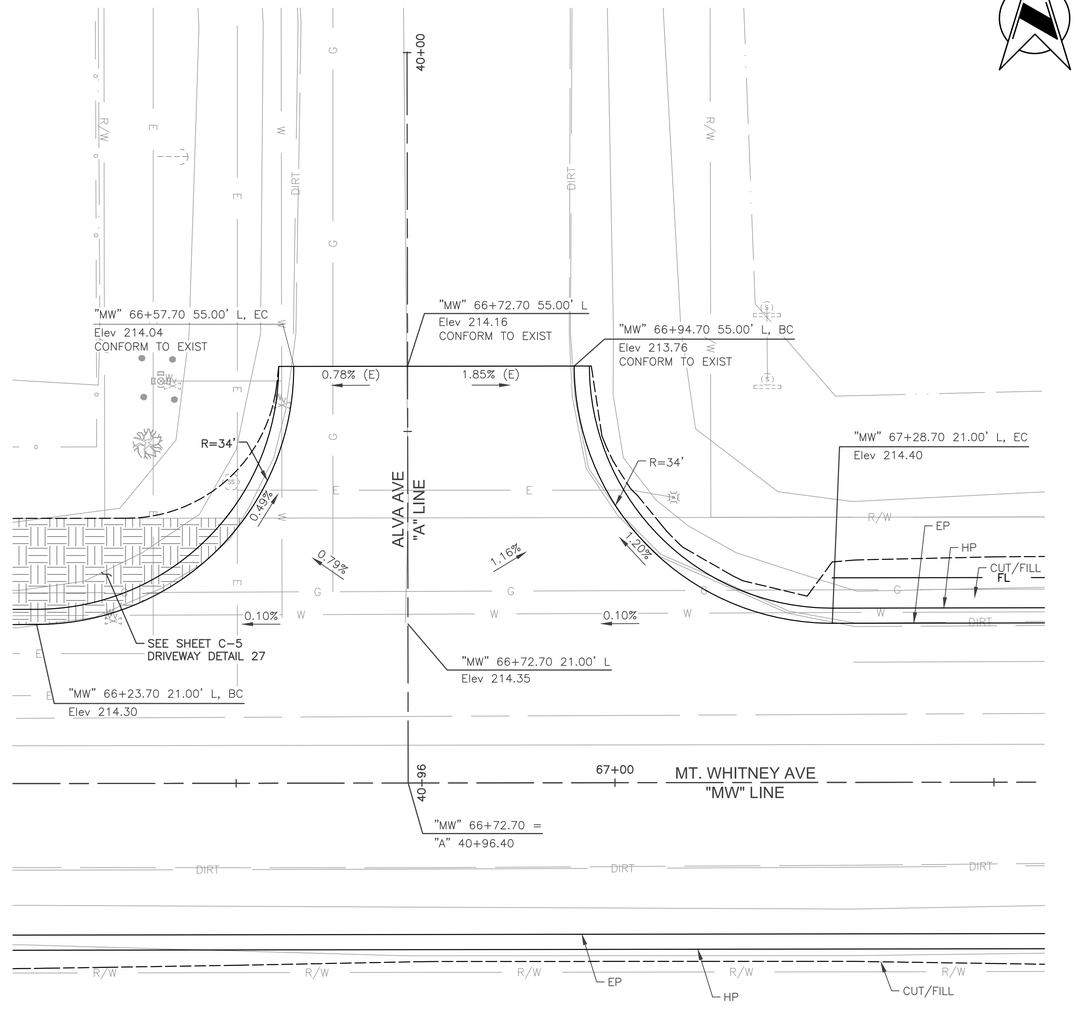
REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	CONSTRUCTION DETAILS
ROAD NO. BRIDGE NO.	DRAWING NO. 11332 SHEET NO. C-7 TOTAL 80



MT. WHITNEY AVE AT
S BRAWLEY AVE

SCALE: 1"=10'



MT. WHITNEY AVE AT
ALVA AVE

SCALE: 1"=10'

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 10' 20'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

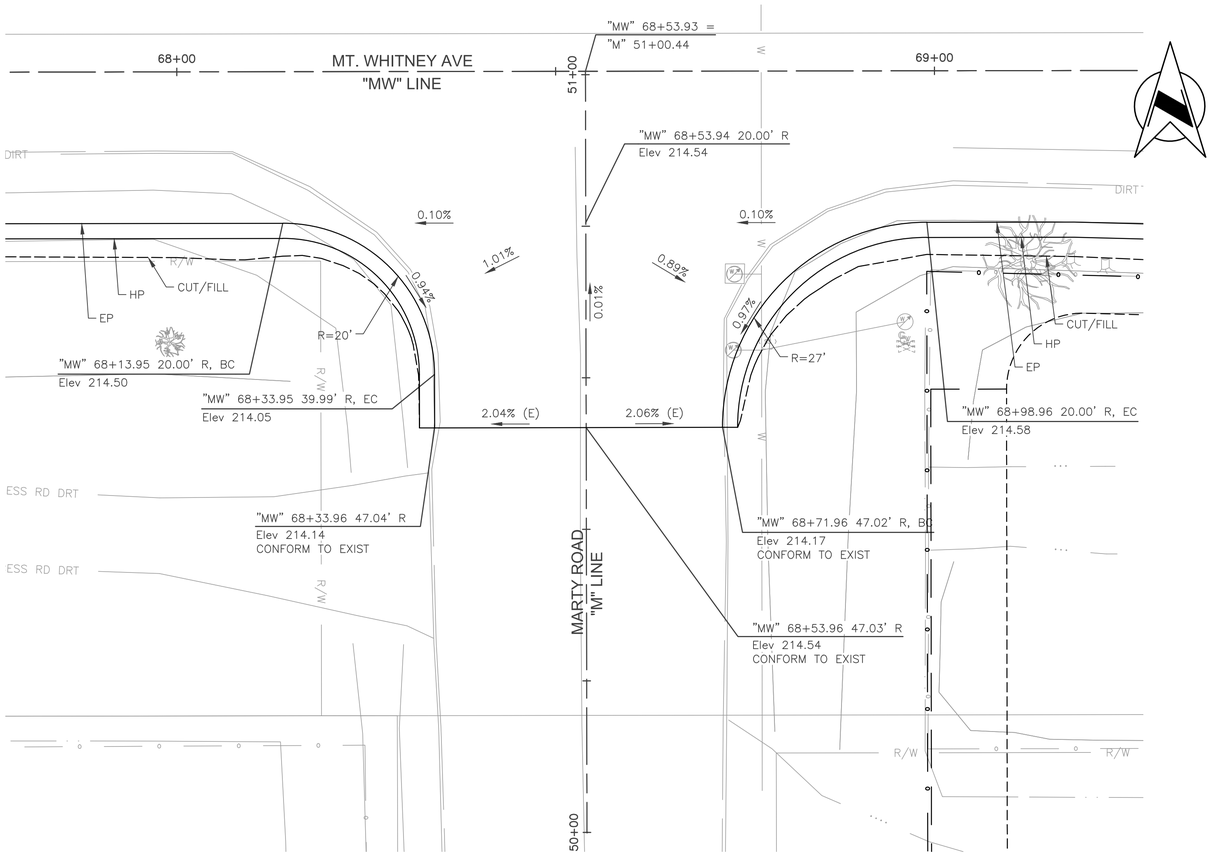
Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

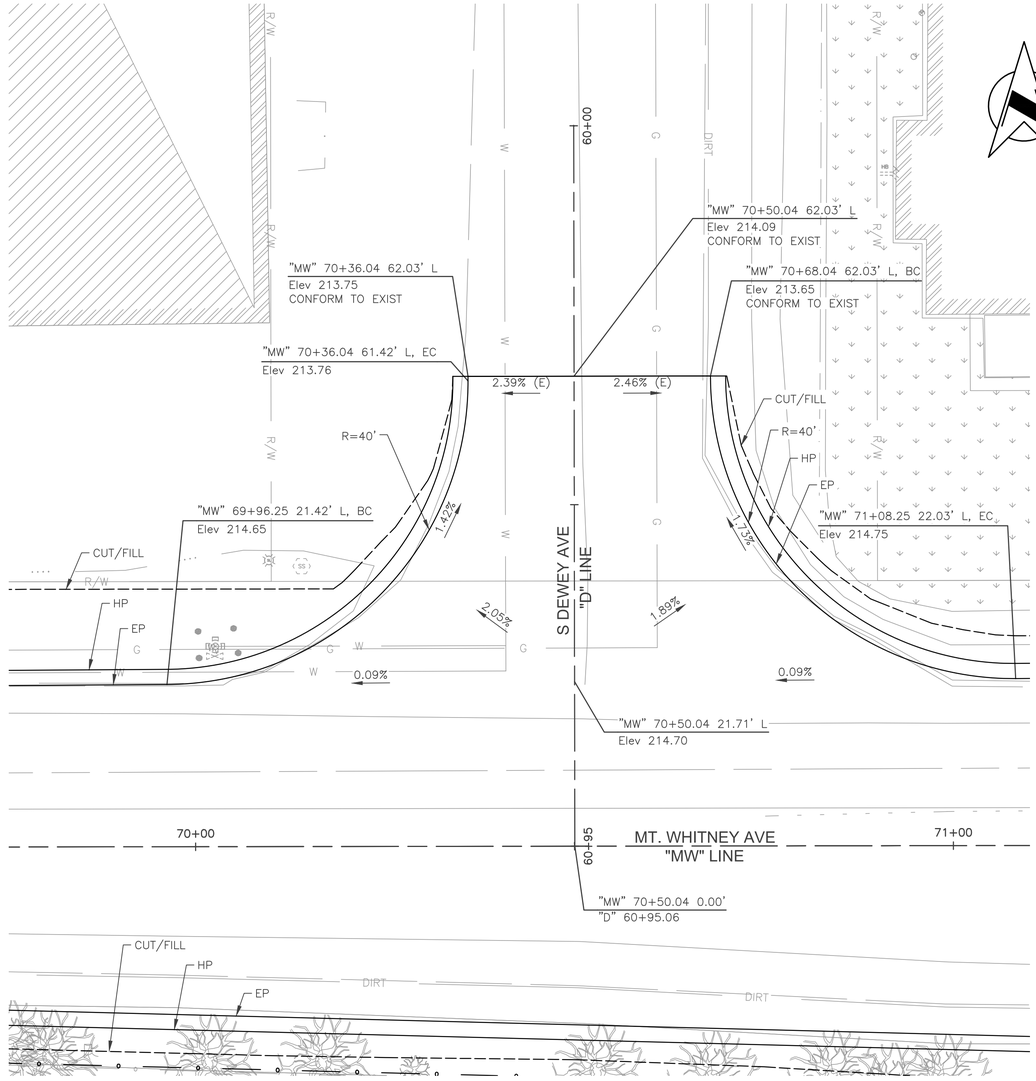
PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING		
CONSTRUCTION DETAILS		
DRAWING NO. 11332	SHEET NO. C-8	TOTAL 80



MT. WHITNEY AVE AT
MARTY ROAD
SCALE: 1"=10'



MT. WHITNEY AVE AT
S DEWEY AVE
SCALE: 1"=10'

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 10' 20'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. 11332 SHEET NO. C-9 TOTAL 80

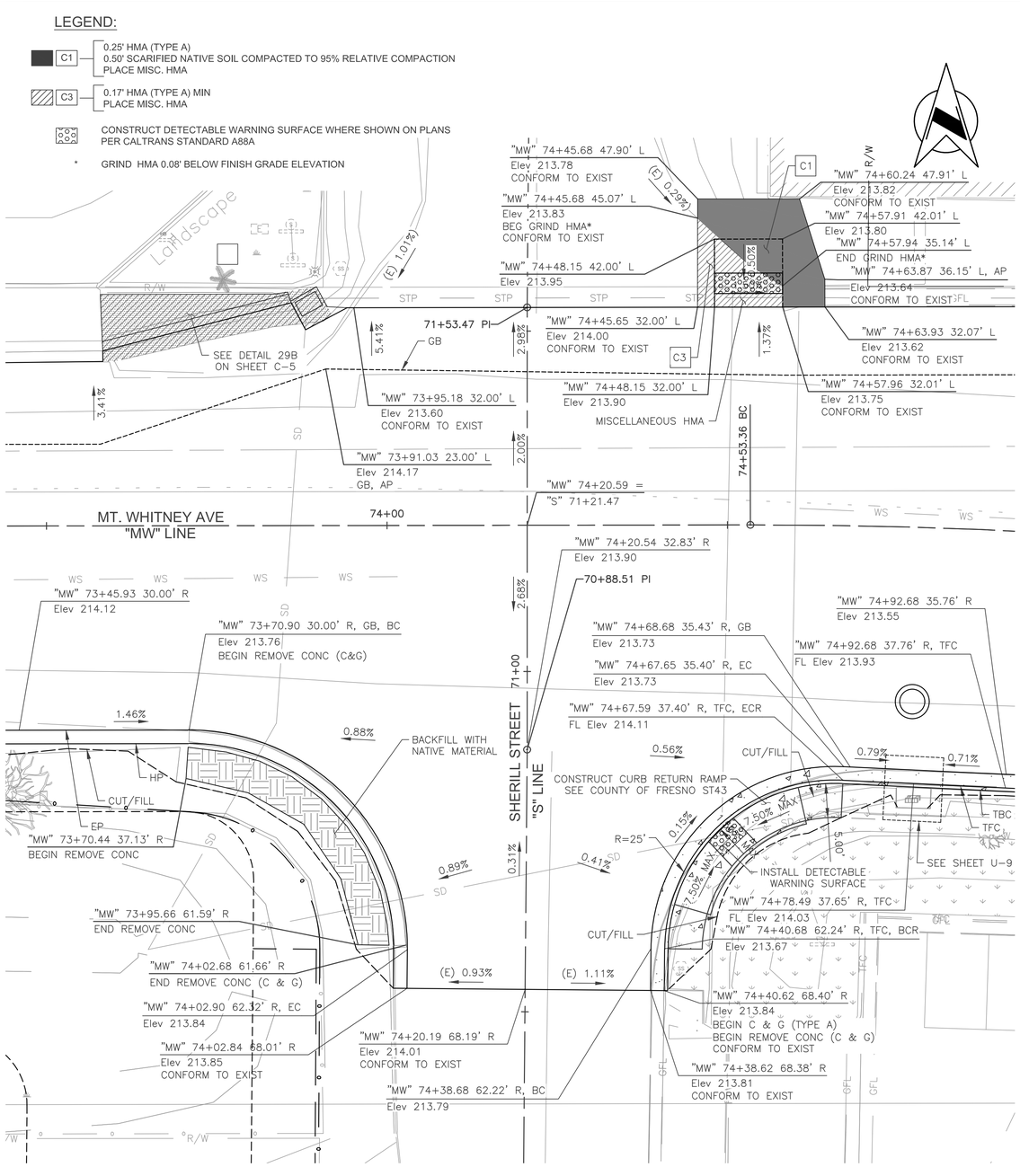
LEGEND:

C1 — 0.25' HMA (TYPE A)
0.50' SCARIFIED NATIVE SOIL COMPACTED TO 95% RELATIVE COMPACTION
PLACE MISC. HMA

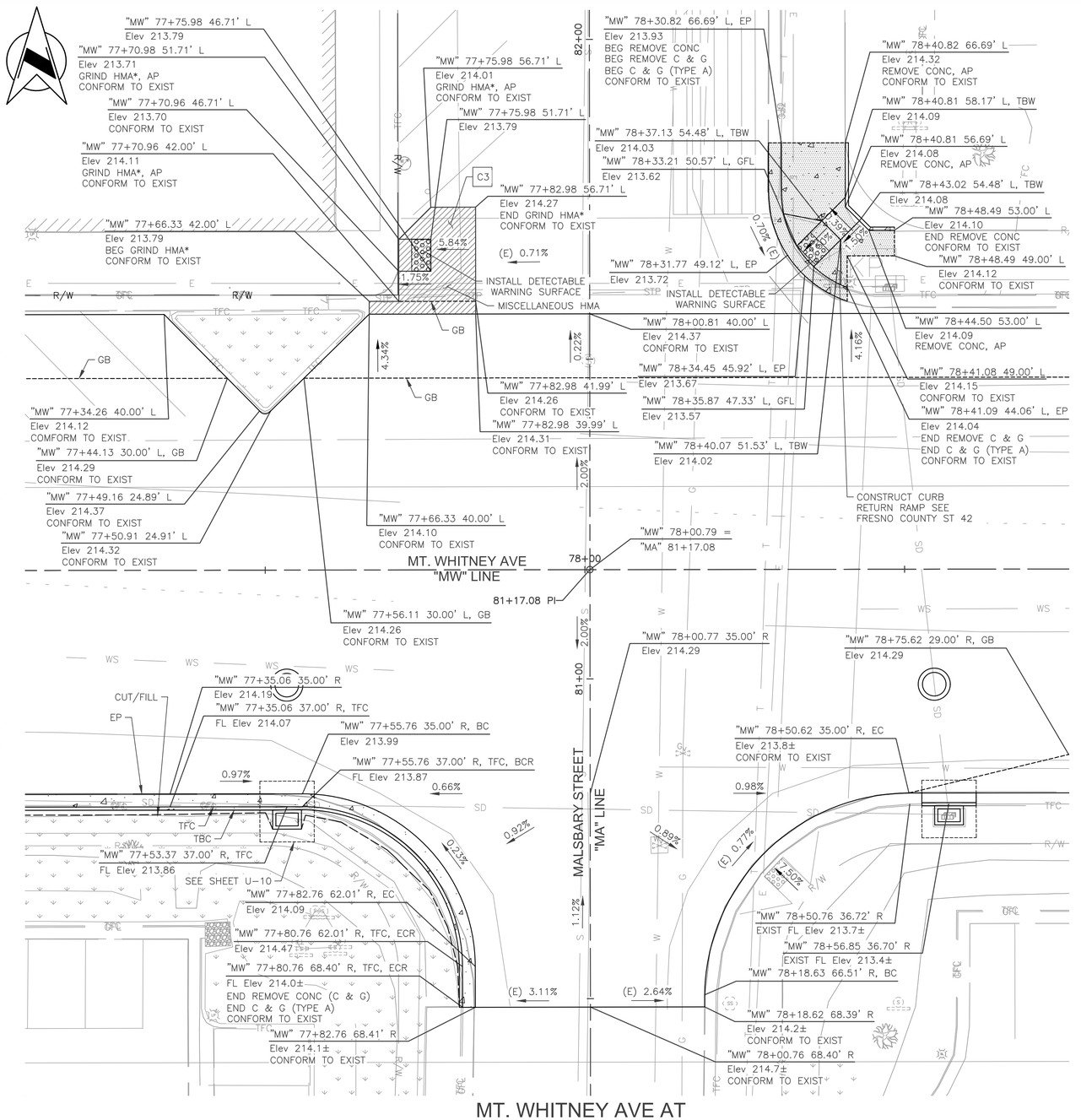
C3 — 0.17' HMA (TYPE A) MIN
PLACE MISC. HMA

CONSTRUCT DETECTABLE WARNING SURFACE WHERE SHOWN ON PLANS
PER CALTRANS STANDARD A88A

* GRIND HMA 0.08' BELOW FINISH GRADE ELEVATION



MT. WHITNEY AVE AT
SHERILL STREET
SCALE: 1"=10'



MT. WHITNEY AVE AT
MALSBARY STREET
SCALE: 1"=10'

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 10' 20'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. 11332 SHEET NO. C-10 TOTAL 80

LEGEND:

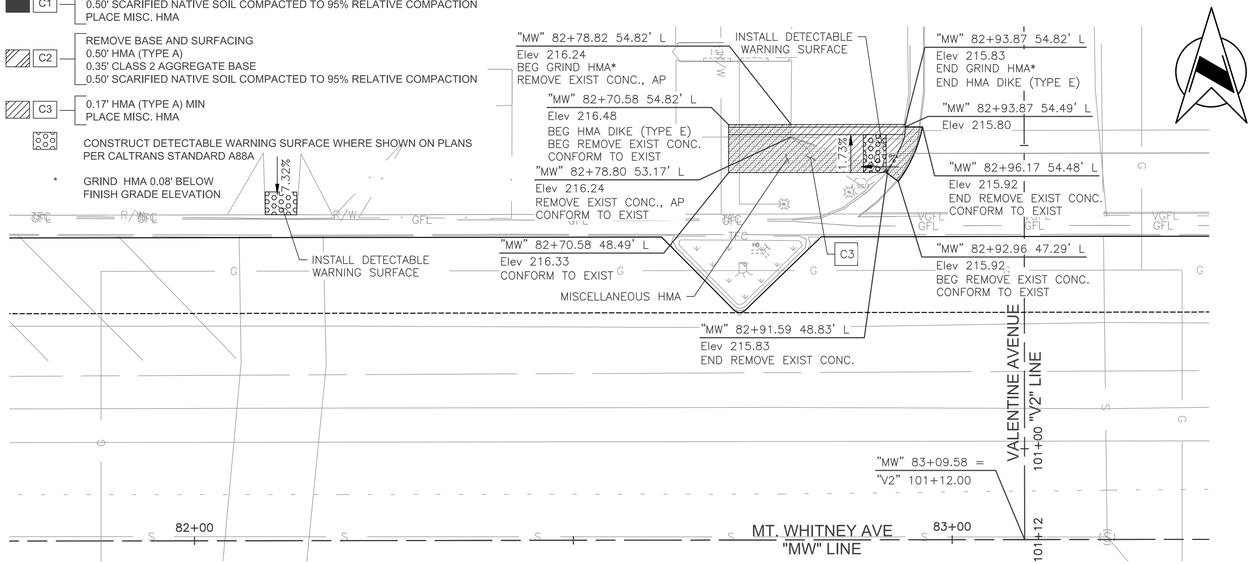
C1 — 0.25' HMA (TYPE A)
0.50' SCARIFIED NATIVE SOIL COMPACTED TO 95% RELATIVE COMPACTION
PLACE MISC. HMA

C2 — REMOVE BASE AND SURFACING
0.50' HMA (TYPE A)
0.35' CLASS 2 AGGREGATE BASE
0.50' SCARIFIED NATIVE SOIL COMPACTED TO 95% RELATIVE COMPACTION

C3 — 0.17' HMA (TYPE A) MIN
PLACE MISC. HMA

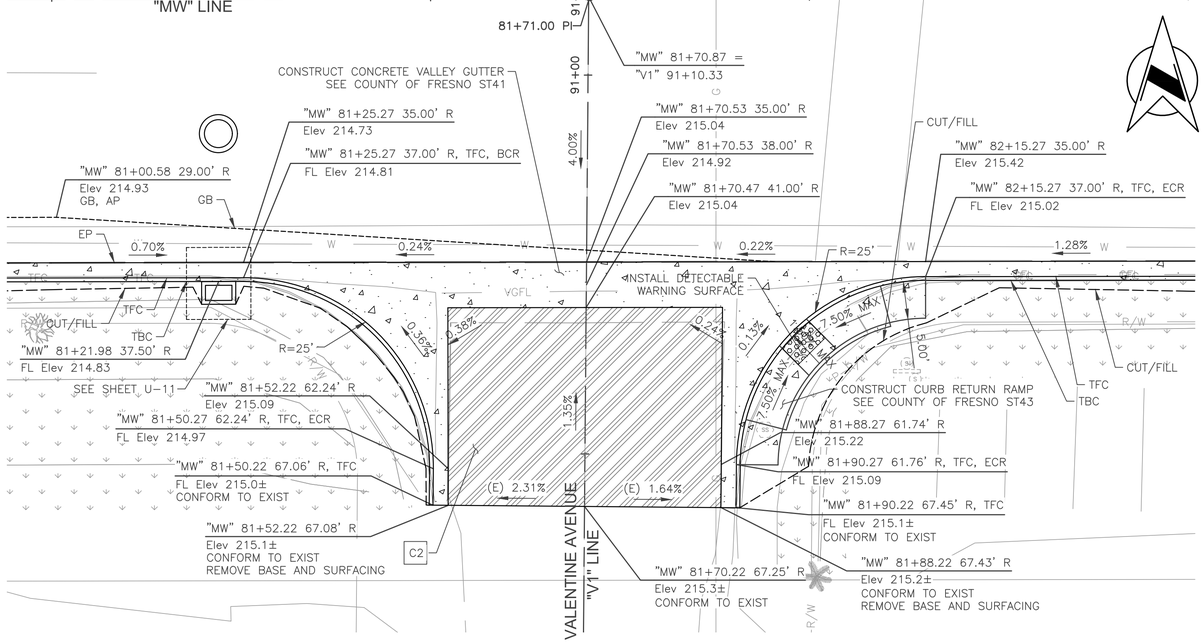
CONSTRUCT DETECTABLE WARNING SURFACE WHERE SHOWN ON PLANS
PER CALTRANS STANDARD A88A

* GRIND HMA 0.08' BELOW FINISH GRADE ELEVATION



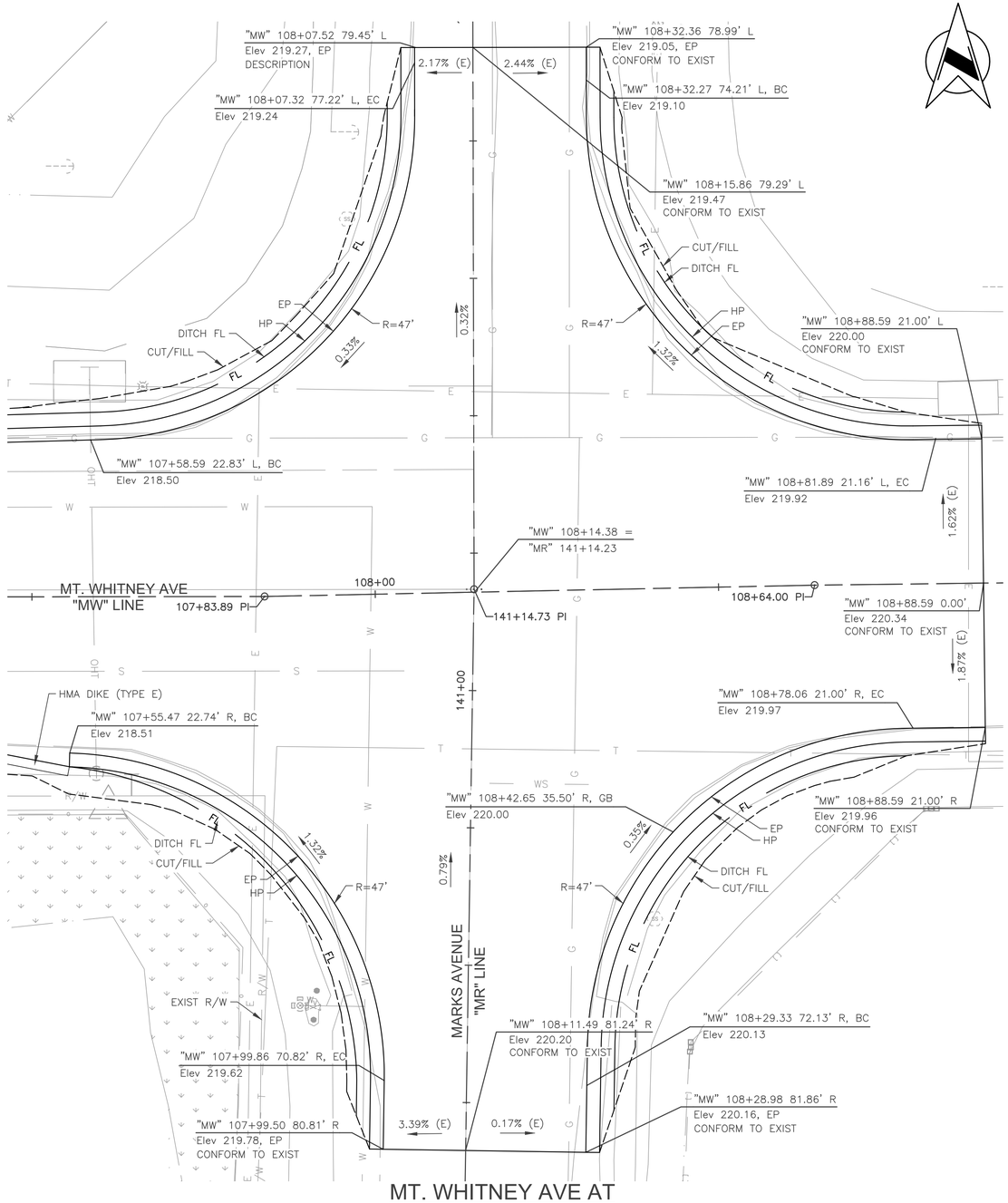
MT. WHITNEY AVE AT VALENTINE AVENUE (N)

SCALE: 1"=10'



MT. WHITNEY AVE AT VALENTINE AVENUE (S)

SCALE: 1"=10'



MT. WHITNEY AVE AT MARKS AVENUE

SCALE: 1"=10'

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 10' 20'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

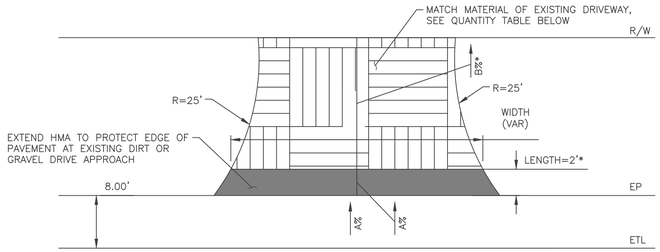
PROJECT
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

DRAWING NO. 11332 SHEET NO. C-11 TOTAL 80



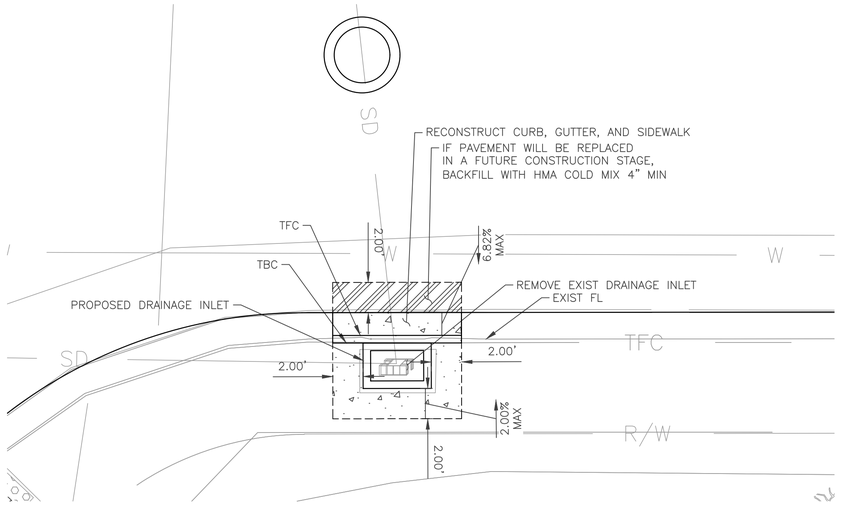
DRIVEWAY DETAIL A

SCALE: N.T.S.

DRIVEWAY FILL QUANTITIES

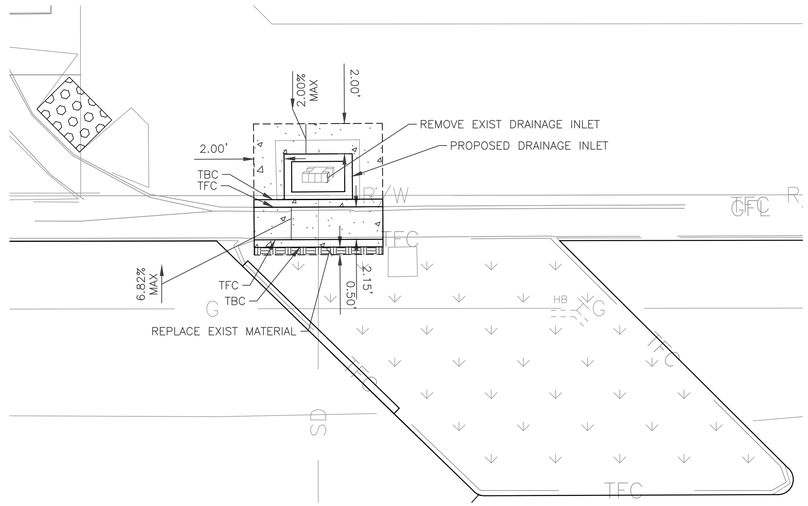
DRIVEWAY NO.	MISC. HMA	CLASS II AB	DIRT	DRIVEWAY NO.	MISC. HMA	CLASS II AB	DIRT
	AREA (SF)				AREA (SF)		
1	69	N/A	264	20*	70	311	N/A
2	62	N/A	205	21	129	N/A	667
3	57	N/A	185	22	234	N/A	N/A
4	213	N/A	N/A	23	766	N/A	N/A
5	276	N/A	N/A	24*	38	153	N/A
6	62	N/A	249	25*	45	204	N/A
7*	79	277	N/A	26*	55	264	N/A
8	482	N/A	N/A	27	1104	N/A	264
9	42	N/A	301	28	106	N/A	541
10*	81	386	N/A	29A	176	N/A	774
11	607	N/A	N/A	29B	563	N/A	N/A
12	58	N/A	235	30	1107	N/A	N/A
13	76	N/A	351	31	192	N/A	N/A
14	70	N/A	322	32	346	N/A	N/A
15	78	N/A	355	33	559	N/A	N/A
16	49	N/A	72	34	275	N/A	279
17	77	N/A	439	35*	68	231	N/A
18*	68	297	N/A	36	268	N/A	299
19*	89	425	N/A				

* CONTRACTOR TO KEEP EXISTING MATERIAL AND REUSE AFTER REGRADING THE DRIVEWAY APPROACH PER PLANS



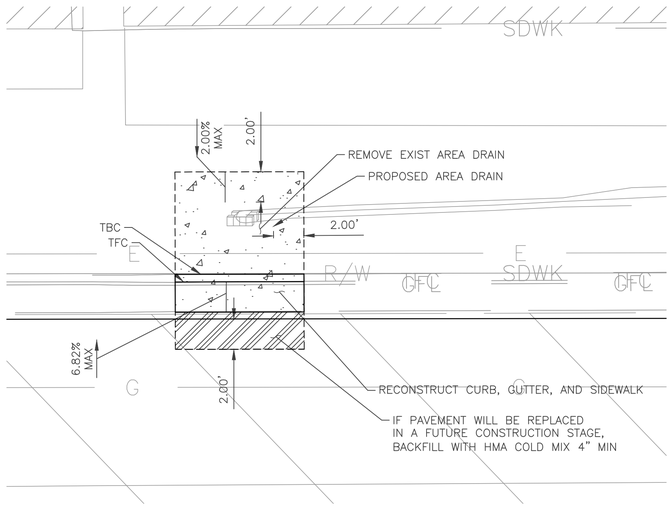
STORM DRAIN DETAIL 1

SCALE: 1" = 5'



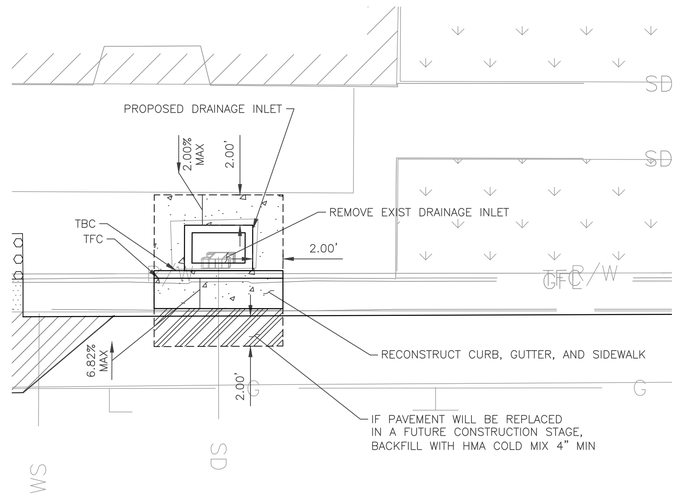
STORM DRAIN DETAIL 2

SCALE: 1" = 5'



STORM DRAIN DETAIL 3

SCALE: 1" = 5'



STORM DRAIN DETAIL 4

SCALE: 1" = 5'

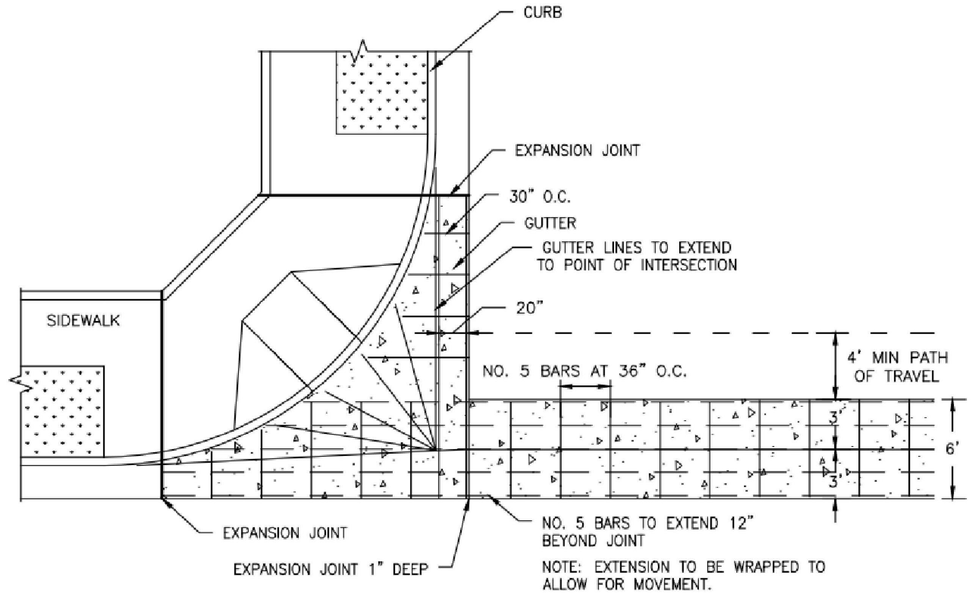
	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 5' 10'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

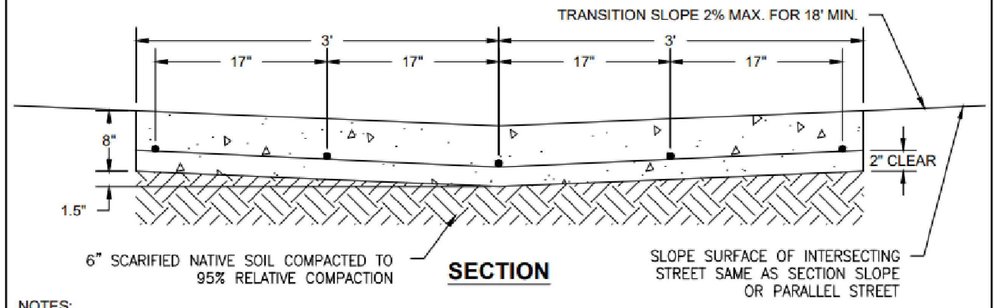
Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	CONSTRUCTION DETAILS
ROAD NO. BRIDGE NO.	DRAWING NO. 11332 SHEET NO. C-12 TOTAL 80



PLAN VIEW



SECTION

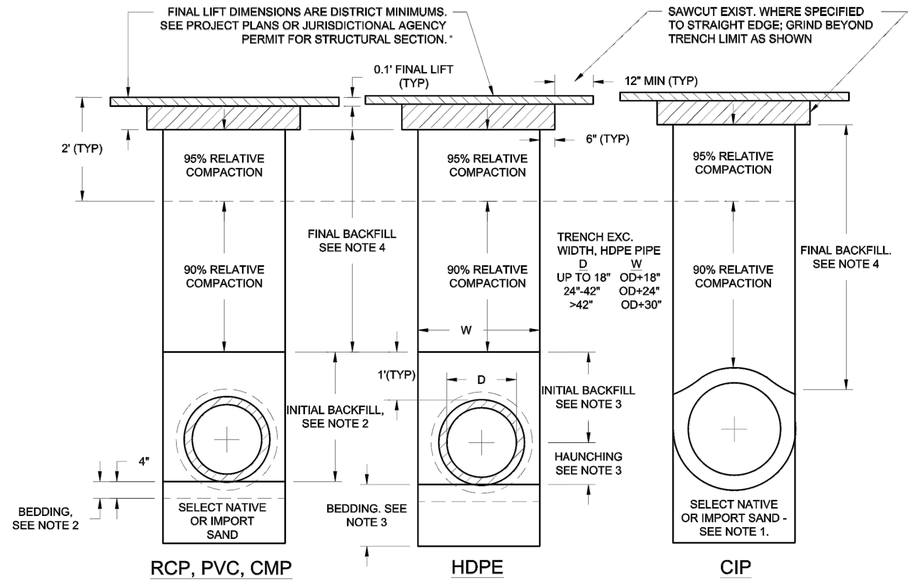
NOTES:

1. CURB RETURN, GUTTER AND VALLEY GUTTER TO BE POURED MONOLITHICALLY.
2. EXPANSION JOINT MATERIAL SHALL CONSIST OF 1/4" THICK PREMOLDED JOINT MATERIAL MEETING ASTM DESIGNATION D-1751.
3. SURFACE SHALL BE BROOM FINISH.
4. ONE INCH WEAKENED PLANE JOINTS SHALL BE EVERY 8' ON CENTER.
5. VALLEY GUTTERS SHALL BE CONSTRUCTED USING 6 SACK CONCRETE.

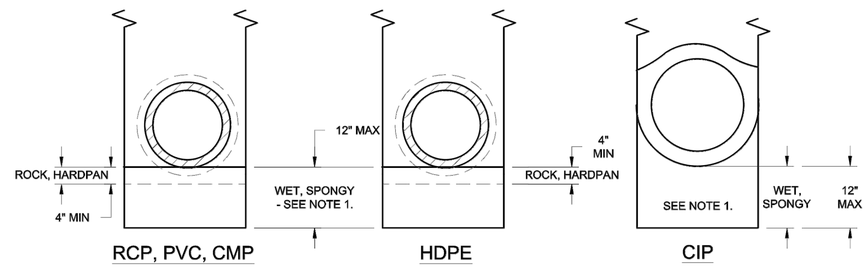
CONCRETE VALLEY GUTTER

SCALE: N.T.S.

*FOR TRENCH PAVEMENT REPAIR, REFER TO THE TYPICAL FDR PAVEMENT SECTION ON SHEET X-1.



BEDDING, BACKFILL REQUIREMENTS



OVER-EXCAVATION REQUIREMENTS, UNSUITABLE-UNSTABLE TRENCH BOTTOM*
*REFER SECTION 14-3, FMFCD STANDARD SPECIFICATIONS

NOTES:

1. *WHERE WET, SPONGY, OTHER UNSUITABLE MATERIAL ENCOUNTERED, OVER-EXCAVATE 12" AND BACKFILL AS SHOWN.
2. BEDDING AND INITIAL BACKFILL FOR RCP, PVC, CMP PIPE SHALL BE SELECT NATIVE SANDY MATERIAL, 8-INCH LIFTS, 90% COMPACTION. REFER TO FMFCD STANDARD SPECIFICATIONS.
3. BEDDING, HAUNCHING AND INITIAL BACKFILL HDPE PIPE SHALL BE CL. IA, IB, II, OR III PER A.S.T.M. D2321, 6-INCH LIFTS, 90% COMPACTION. REFER TO FMFCD STANDARD SPECIFICATIONS.
4. FINAL BACKFILL SHALL BE SELECT NATIVE MATERIAL, 8-INCH LIFTS UNLESS OTHERWISE APPROVED BY THE ENGINEER, 90% COMPACTION, EXCEPT TOP 2 FT. TO BE 95% COMPACTION.

DRAINAGE PIPE TRENCH DETAIL

SCALE: N.T.S.

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	NO SCALE
DRAWN: E. BARCO				
CHECKED: G. GROSS				

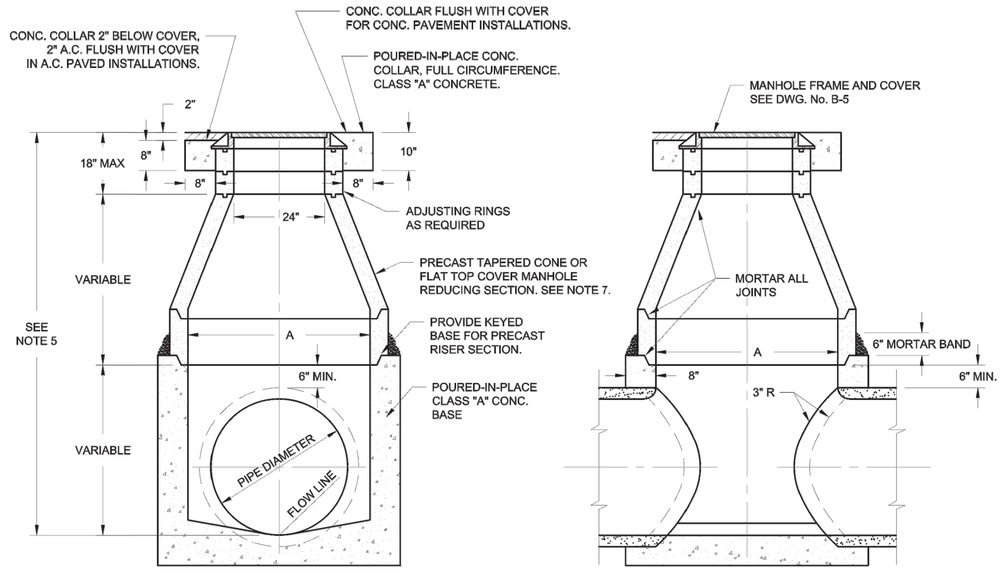
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	CONSTRUCTION DETAILS
ROAD NO. BRIDGE NO.	DRAWING NO. 11332 SHEET NO. C-13 TOTAL 80

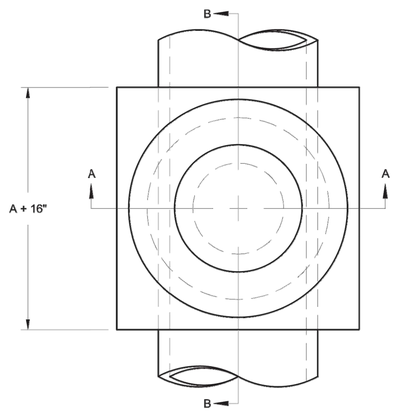
THE COUNTY OF FRESNO



SECTION "A-A"
N.T.S.

SECTION "B-B"
N.T.S.

STANDARD MANHOLE	
CASE I	A = 48"
CASE II	A = 60"
CASE III	A = 72"



PLAN
N.T.S.

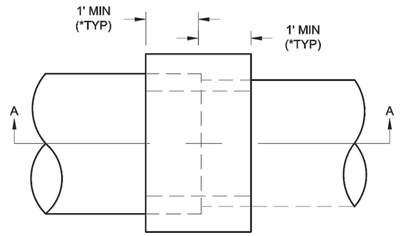
NOTES:

1. PRECAST PIPE, ADJUSTING RINGS AND TAPERED OR FLAT TOP SECTIONS SHALL BE CONSTRUCTED IN ACCORDANCE WITH A.S.T.M. C-478, USING TYPE II CEMENT.
2. THE JOINT BETWEEN THE PRECAST RISER AND POURED-IN-PLACE CONCRETE RISER AND BASE, AND ALL JOINTS BETWEEN PRECAST SECTIONS INCLUDING GRADE RINGS SHALL BE MORTARED.
3. PROVIDE 6" MORTAR BAND AROUND EXTERIOR OF RISER-TO-BASE JOINT.
4. INTERIOR OF THE MANHOLE SHALL HAVE A SMOOTH TROWELED SURFACE.
5. IF THE DISTANCE BETWEEN THE FLOW LINE OF THE MANHOLE AND THE FINISH GRADE OF THE LID IS GREATER THAN OR EQUAL TO 12 FEET, THE MANHOLE IS TO BE CONSTRUCTED WITH STEPS, AS SHOWN ON DRAWING No. B-4.
6. MANHOLES SHALL BE CONSTRUCTED PER SECTION 23 OF THE FMFCD STANDARD SPECIFICATIONS.
7. WHERE GATE VALVE OR STEPS ARE SHOWN ON THE PLANS TO BE INSTALLED, USE ECCENTRIC REDUCING SECTION PER DRAWING No. B-4 OR G-5, SHT 2.

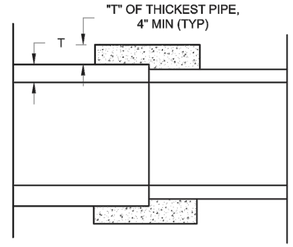
TYPE A MANHOLE

SCALE: N.T.S.

JOINING DISSIMILAR PIPES

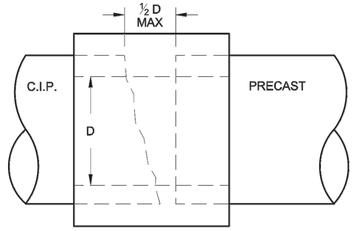


N.T.S.



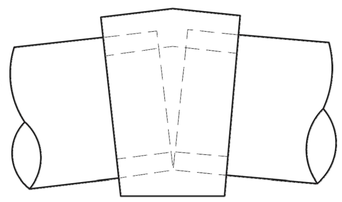
SECTION "A-A"
TYPICAL ALL JOINTS
N.T.S.

JOINING CAST-IN-PLACE TO PRE-CAST PIPE



N.T.S.

FORMING ANGLE EXCEEDING MFR'S NORMAL DEFLECTION ANGLE, REQUIRES ENGINEERS APPROVAL. SEE NOTE 4



N.T.S.

NOTES:

1. CONCRETE COLLAR SHALL BE CLASS A CONCRETE.
2. INSIDE OF COLLAR SHALL MATCH PIPE DIAMETER, SMOOTH STEEL TROWEL FINISH.
3. ALLOW CONCRETE TO HARDEN BEFORE BACKFILLING.
4. WHEN FORMING ANGLES ENGINEER MAY REQUIRE CHAMFERING OF PIPE ENDS.

COLLAR DETAIL

SCALE: N.T.S.

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	NO SCALE
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

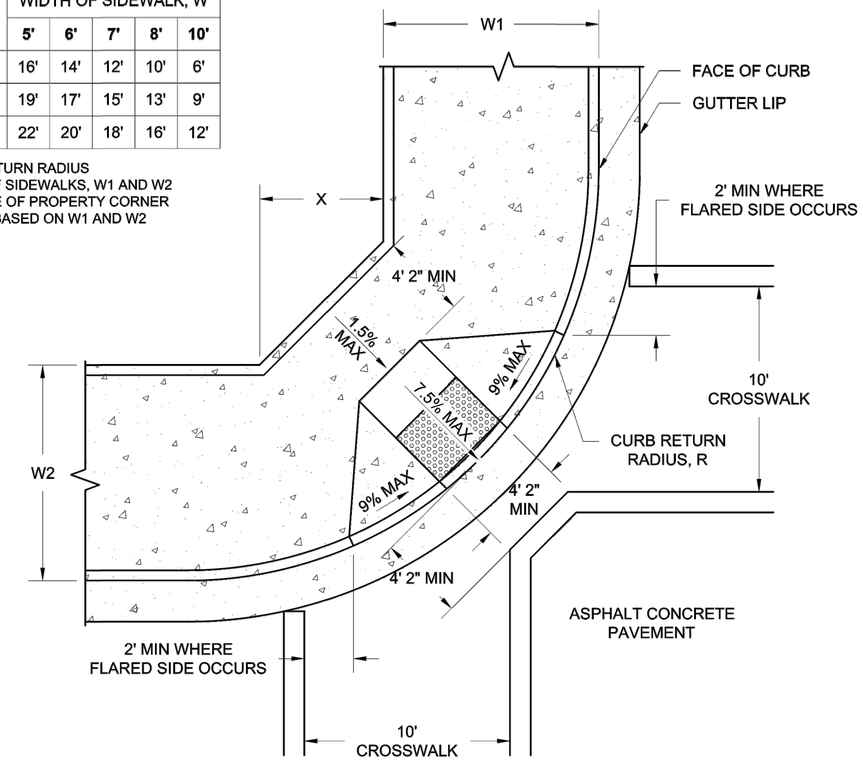
PROJECT
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

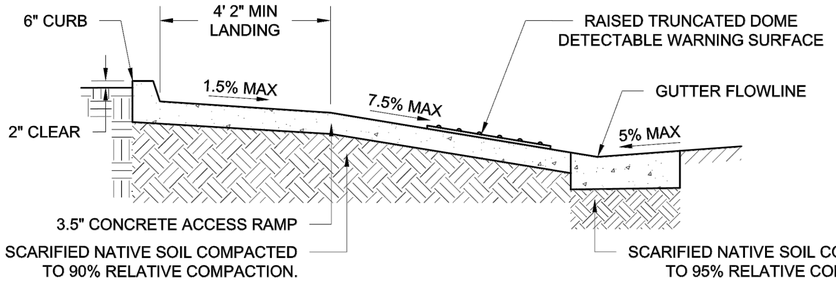
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING
CONSTRUCTION DETAILS
DRAWING NO. 11332 SHEET NO. C-14 TOTAL 80

			WIDTH OF SIDEWALK, W				
			5'	6'	7'	8'	10'
RADIUS, R	20'	X	16'	14'	12'	10'	6'
	25'	X	19'	17'	15'	13'	9'
	30'	X	22'	20'	18'	16'	12'

R = CURB RETURN RADIUS
W = WIDTH OF SIDEWALKS, W1 AND W2
X = DISTANCE OF PROPERTY CORNER CUTOFF BASED ON W1 AND W2



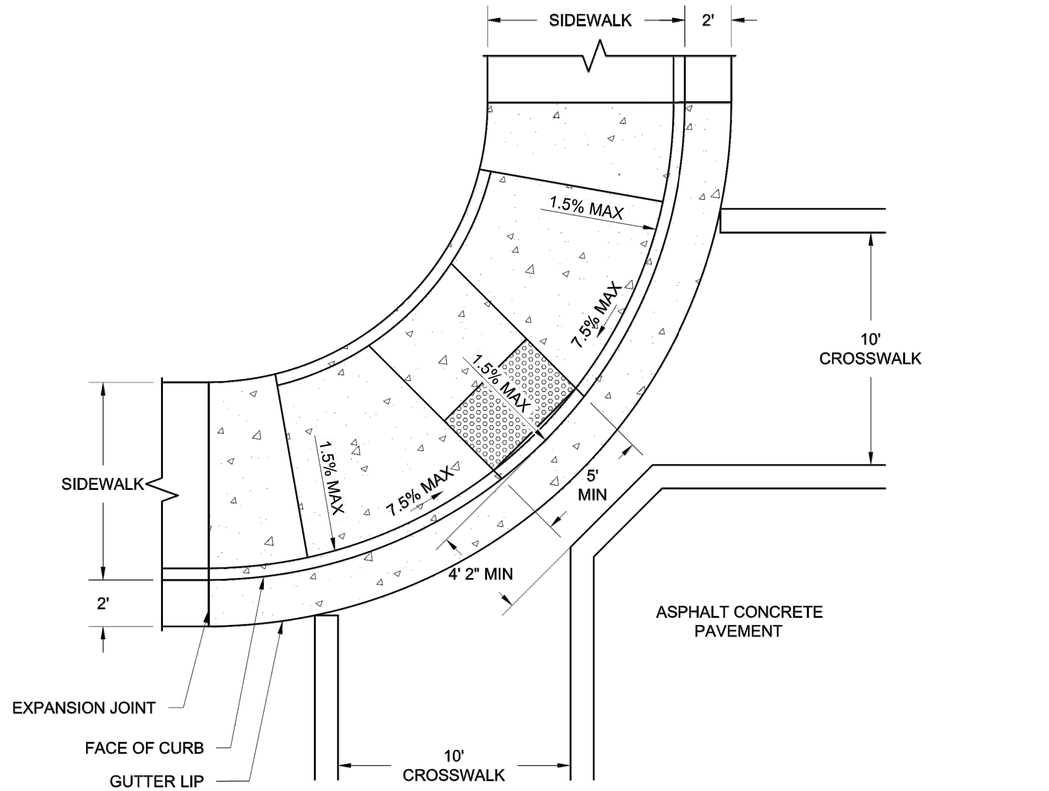


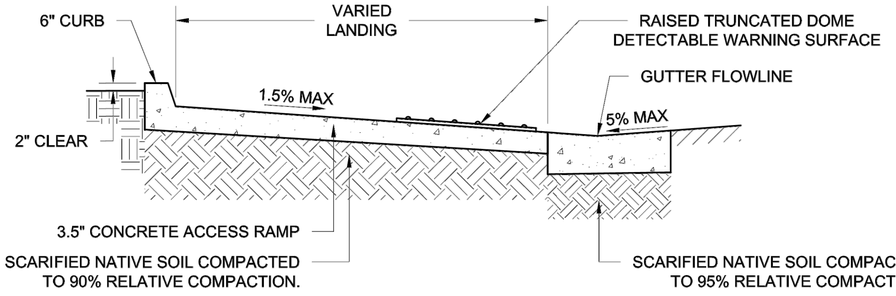
NOTES:

1. SIDE SLOPE OF RAMP FLARES VARY UNIFORMLY FROM A MAXIMUM OF 9% AT CURB TO CONFORM WITH LONGITUDINAL SIDEWALK SLOPE ADJACENT TO TOP OF THE RAMP.
2. TRANSITIONS FROM RAMPS AND LANDING TO WALKS, GUTTERS OR STREETS SHALL BE FLUSH (NO LIP) AND FREE OF ABRUPT CHANGES.
3. ALL WORK CONSTRUCTED WITH THIS STANDARD SHALL BE COMPLETED IN COMPLIANCE WITH CURRENT ADA REGULATIONS.

CURB RETURN RAMP (STANDARD DIAGONAL)

SCALE: N.T.S.





NOTES:

1. IF DISTANCE FROM CURB TO BACK OF SIDEWALK IS TOO SHORT TO ACCOMMODATE RAMP AND 4' 2" PLATFORM (LANDING), THE SIDEWALK MAY BE DEPRESSED LONGITUDINALLY.
2. TRANSITIONS FROM RAMPS AND LANDING TO WALKS, GUTTERS OR STREETS SHALL BE FLUSH (NO LIP) AND FREE OF ABRUPT CHANGES.
3. ALL WORK CONSTRUCTED WITH THIS STANDARD SHALL BE COMPLETED IN COMPLIANCE WITH CURRENT ADA REGULATIONS.

CURB RETURN RAMP (DUAL RAMP)

SCALE: N.T.S.

	DATE	RECORD DRAWING	DATE
DESIGNED: E. BARCO		RESIDENT ENGINEER	
DRAWN: E. BARCO			
CHECKED: G. GROSS			

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

SCALE: NO SCALE

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT: MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION DETAILS

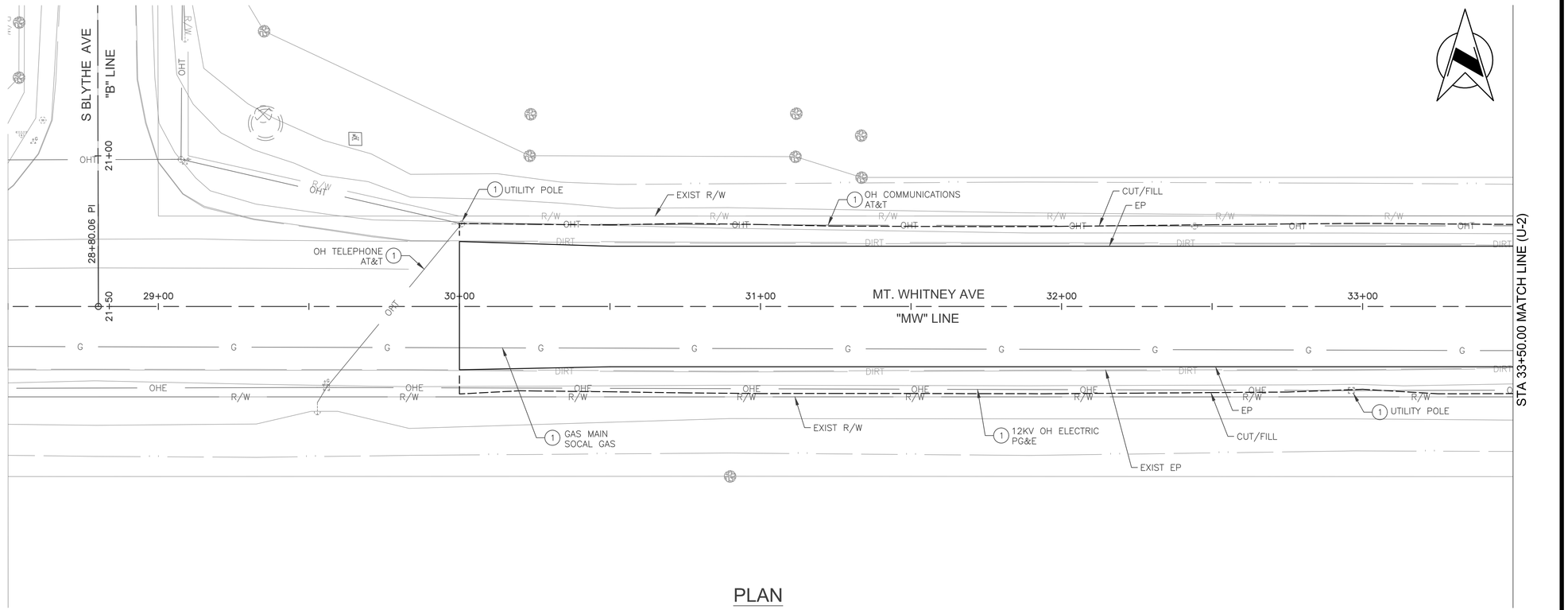
DRAWING NO. 11332 SHEET NO. C-15 TOTAL 80

NOTES:

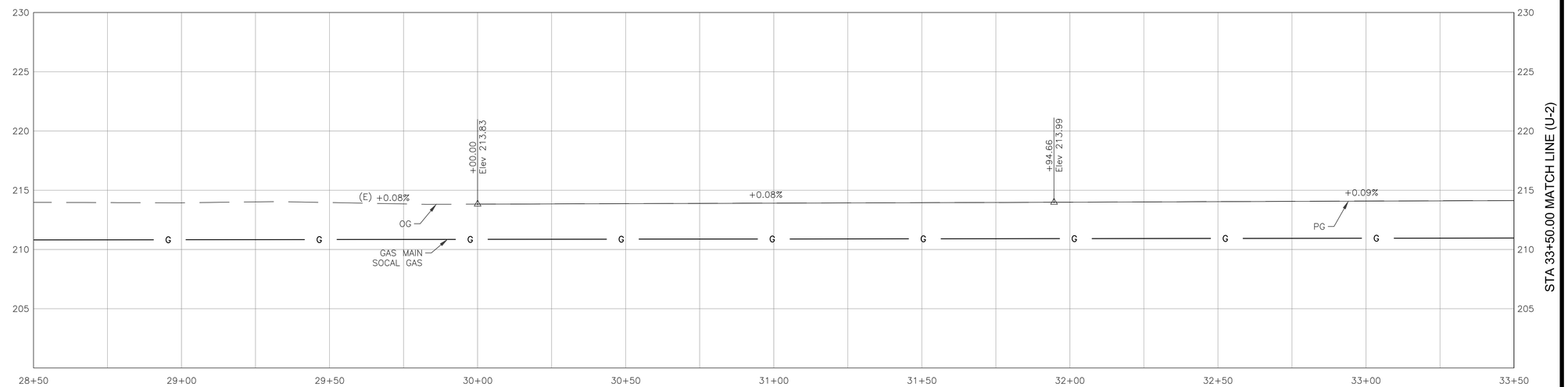
1. UTILITIES SHOWN ARE APPROXIMATE AND BASED OFF OF BEST AVAILABLE INFORMATION. CONTRACTOR TO VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF UTILITIES. CONTRACTOR TO NOTIFY ENGINEER IF HORIZONTAL OR VERTICAL LOCATION IS DIFFERENT THAN SHOWN.
2. UTILITIES REPLACED AS DIRECTED BY ENGINEER.
3. UNLESS OTHERWISE SHOWN, PROTECT ALL EXISTING UTILITIES IN PLACE.
4. RPUD = RIVERDALE PUBLIC UTILITY DISTRICT
5. VERIFY LOCATION OF WATER VALVES AND METERS AND COORDINATE WITH RIVERDALE PUBLIC UTILITY DISTRICT ON THEIR ADJUSTMENT OR RELOCATION.
6. FOR TRENCH DETAILS ON ALL PROPOSED DRAINAGE PIPES SEE SHEET C-13.

LEGEND

(1)	PROTECT EXISTING UTILITY IN PLACE
(2)	ADJUST FRAME AND COVER TO GRADE
(3)	ADJUST MANHOLE TO GRADE
(4)	REMOVE INLET
(5)	REMOVE PIPE
◆	POTHOLE LOCATION



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

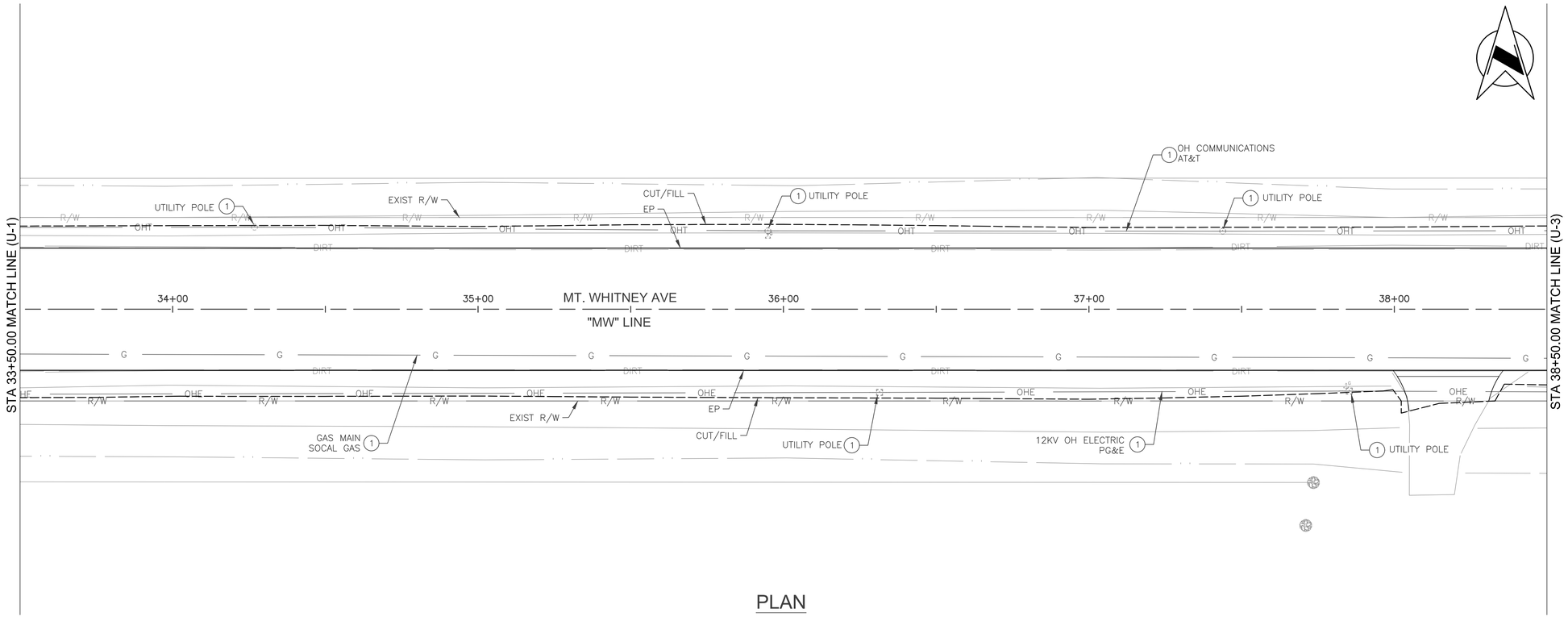
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

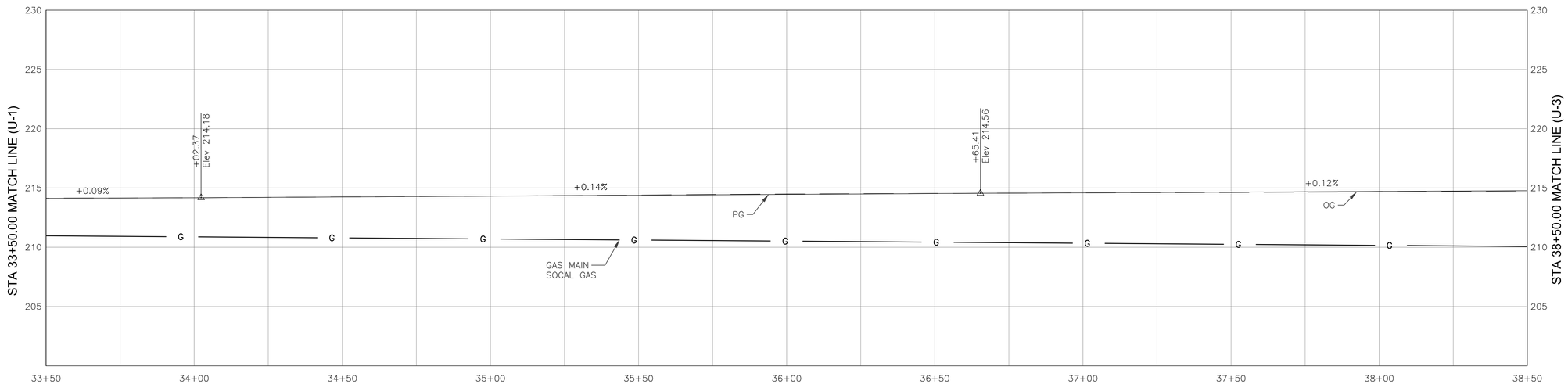
UTILITY PLAN

MT. WHITNEY AVE STA 28+50.00 TO STA 33+50.00

DRAWING NO. 11332 SHEET NO. U-1 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

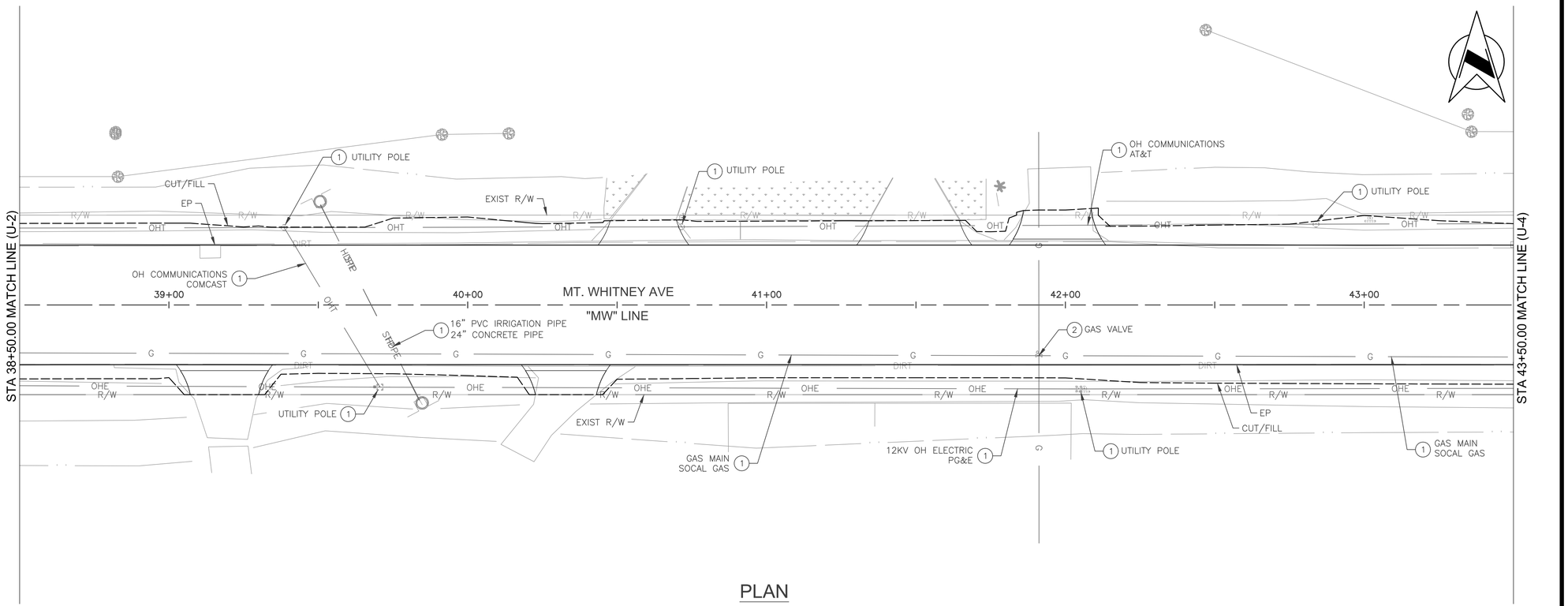
Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

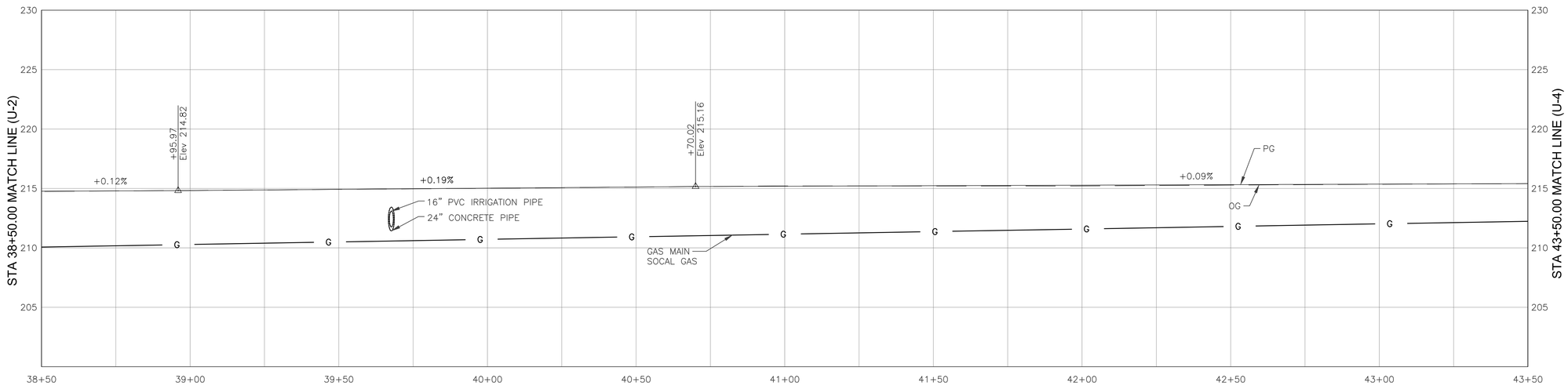
PROJECT
MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING
UTILITY PLAN
MT. WHITNEY AVE STA 33+50.00 TO STA 38+50.00
DRAWING NO. 11332 SHEET NO. U-2 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

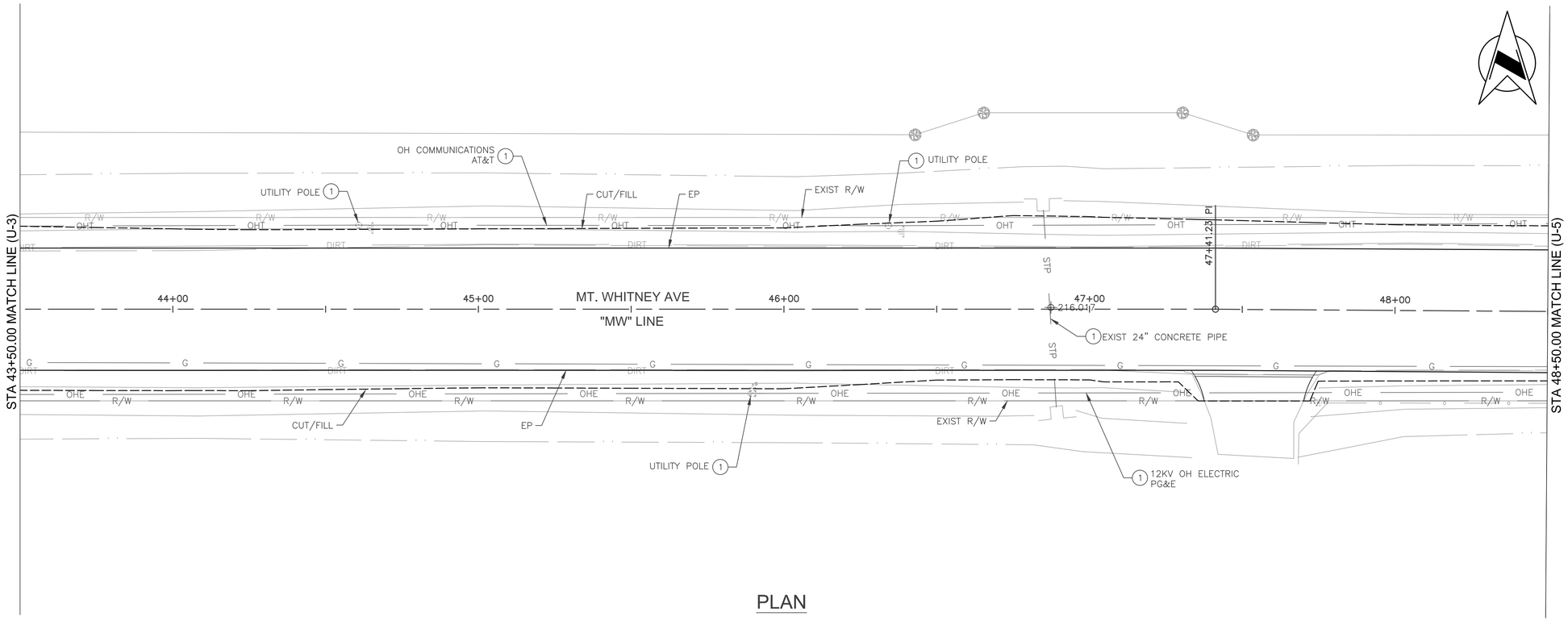
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

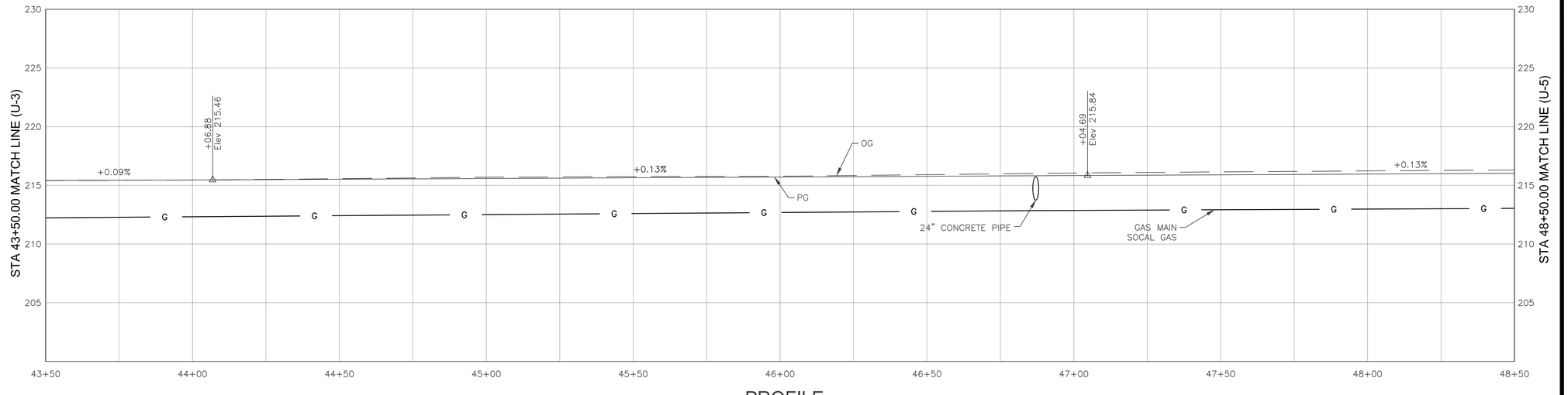
UTILITY PLAN

MT. WHITNEY AVE STA 38+50.00 TO STA 43+50.00

DRAWING NO. 11332 SHEET NO. U-3 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

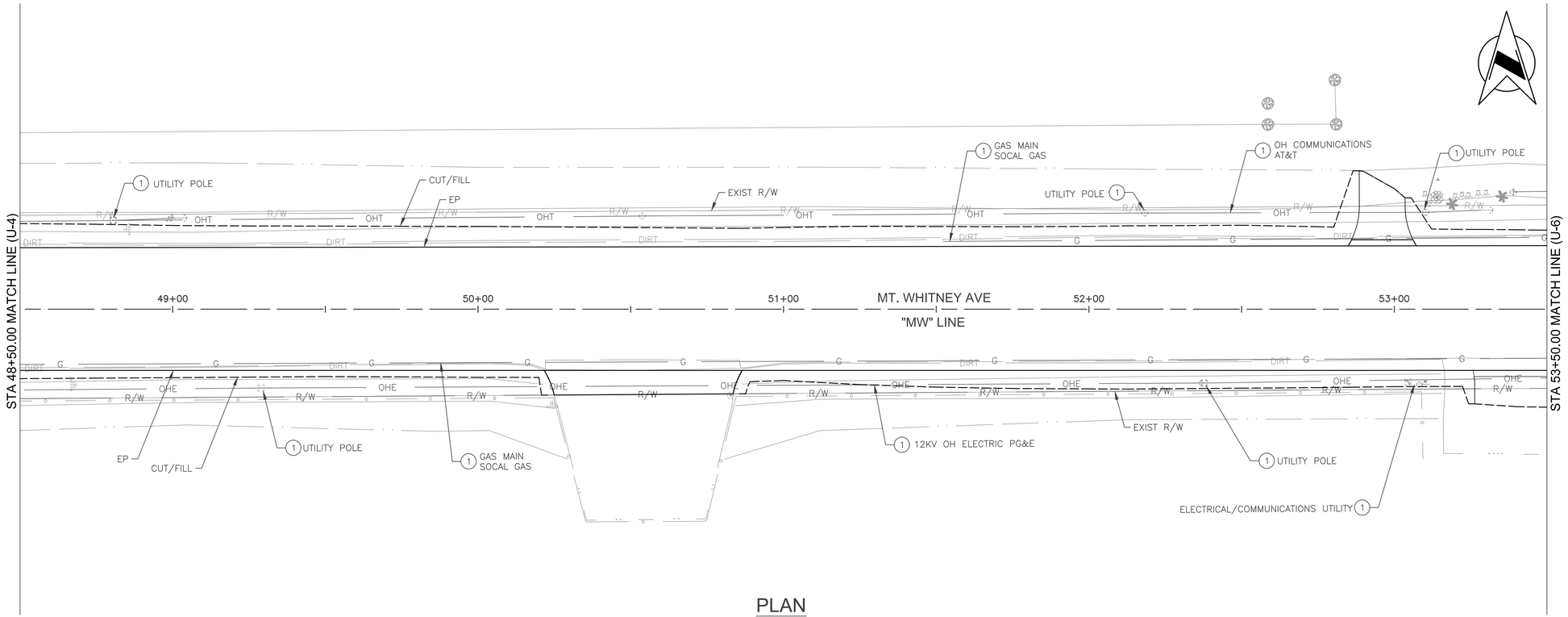
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

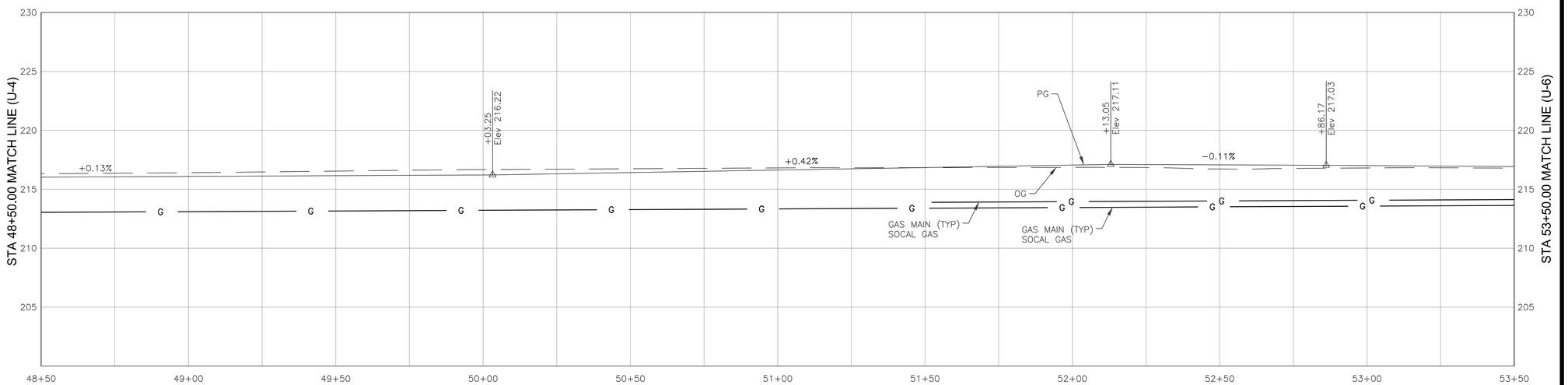
UTILITY PLAN

MT. WHITNEY AVE STA 43+50.00 TO STA 48+50.00

DRAWING NO. 11332 SHEET NO. U-4 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

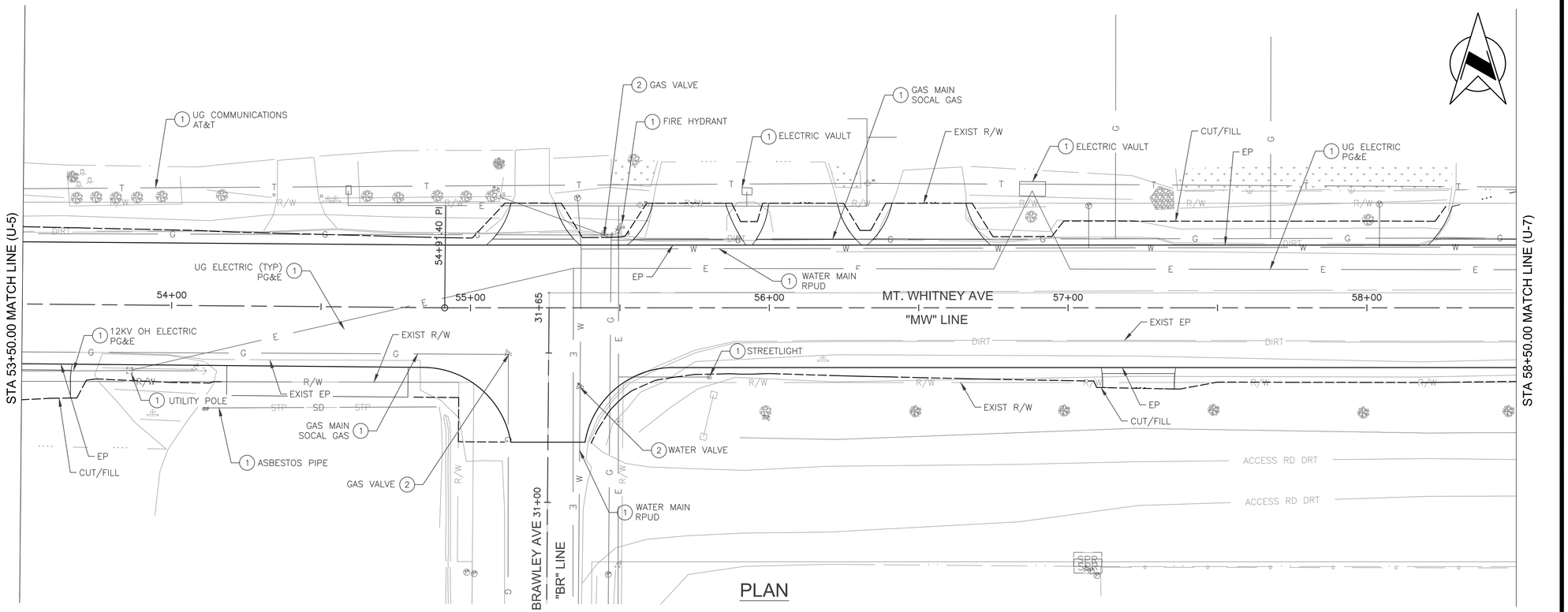
Dewberry

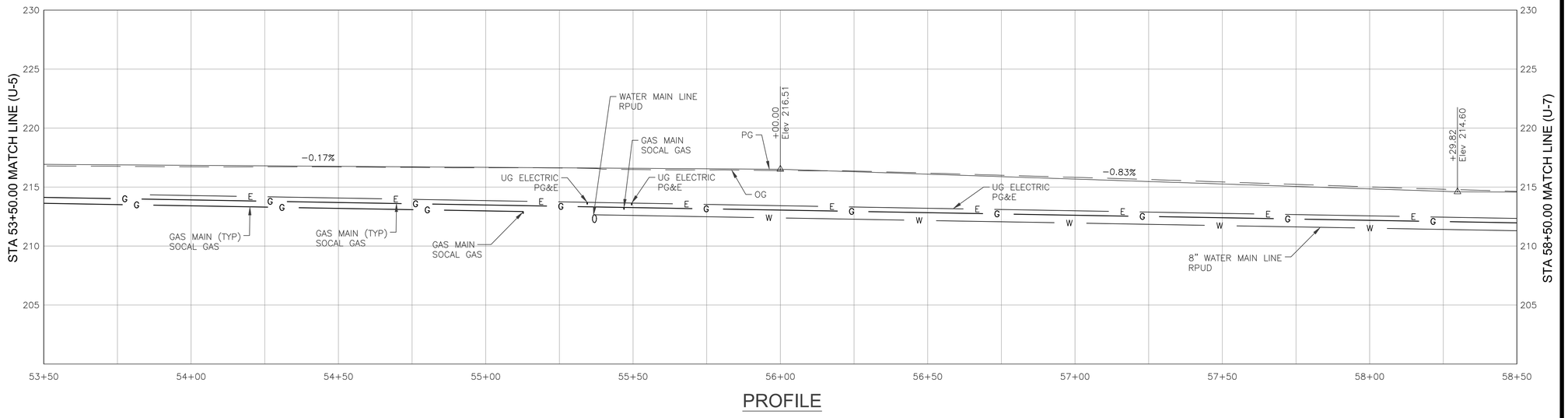
REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING
UTILITY PLAN
MT. WHITNEY AVE STA 48+50.00 TO STA 53+50.00
DRAWING NO. 11332 SHEET NO. U-5 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER No. 70950 Exp.6/30/27 CIVIL STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

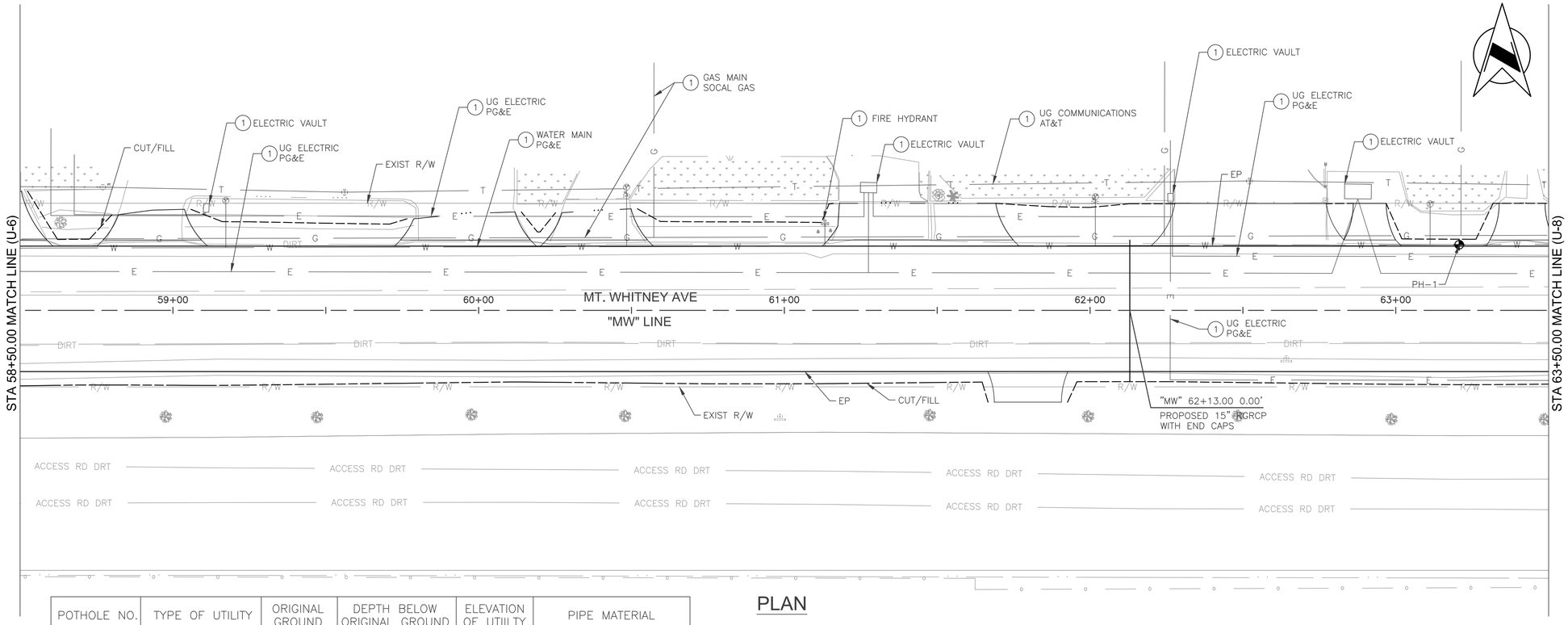
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

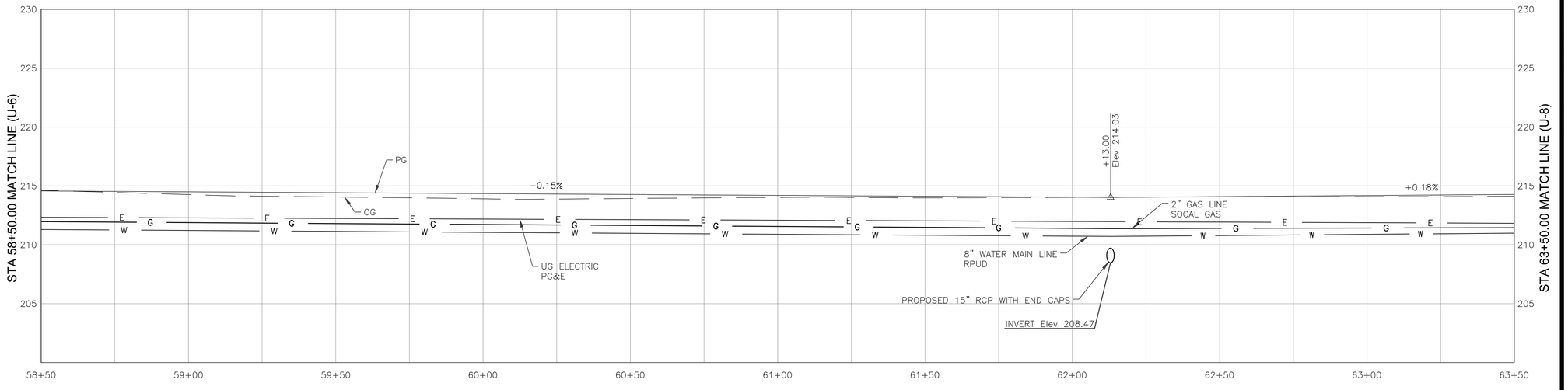
MT. WHITNEY AVE STA 53+50.00 TO STA 58+50.00

DRAWING NO. 11332 SHEET NO. U-6 TOTAL 80



POTHOLE NO.	TYPE OF UTILITY	ORIGINAL GROUND	DEPTH BELOW ORIGINAL GROUND	ELEVATION OF UTIILTY	PIPE MATERIAL
1	UG WATER MAIN 8"	213.76	40	210.43	TRANSITE

PLAN



PROFILE

	DATE	RECORD DRAWING	
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE
DRAWN: E. BARCO			
CHECKED: G. GROSS			

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

SCALE

HORIZ 0 20' 40'

VERT 0 5' 10'

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

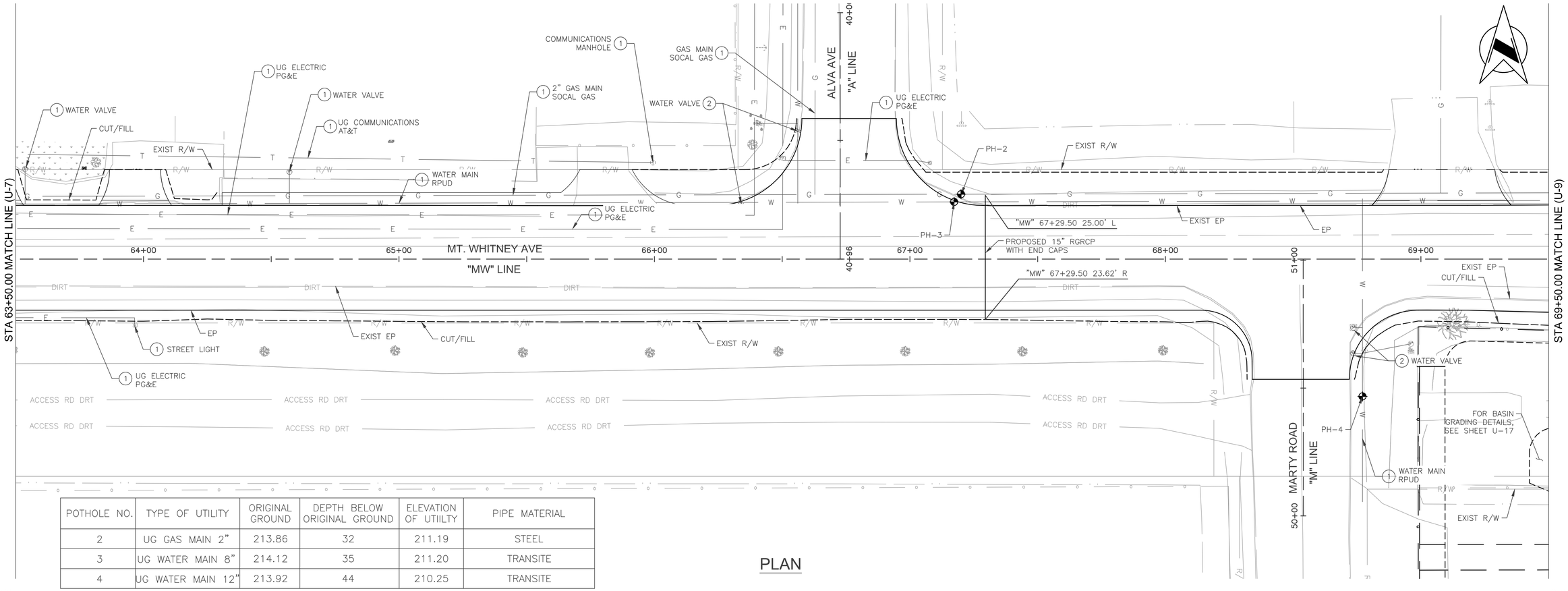
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

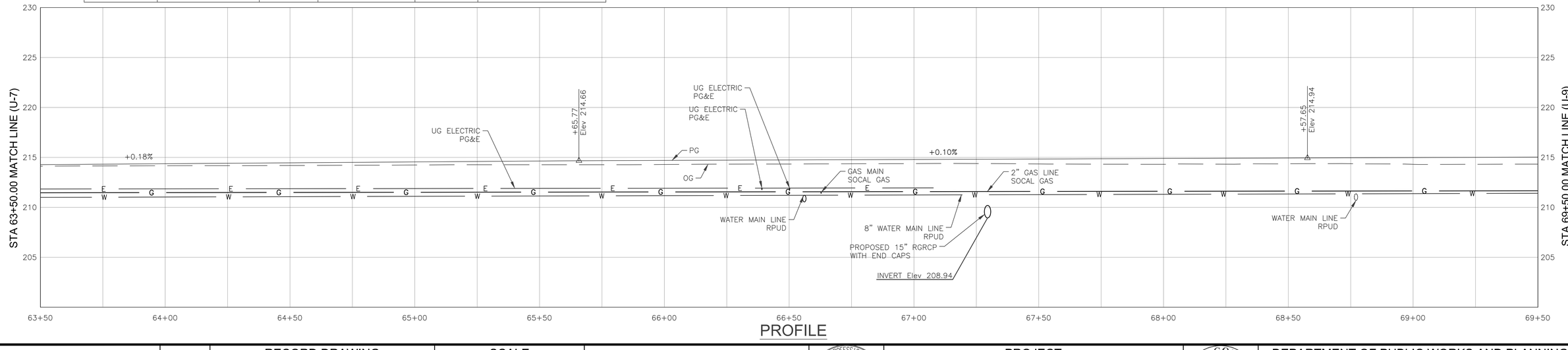
MT. WHITNEY AVE STA 58+50.00 TO STA 63+50.00

DRAWING NO. 11332 SHEET NO. U-7 TOTAL 80



POTHOLE NO.	TYPE OF UTILITY	ORIGINAL GROUND	DEPTH BELOW ORIGINAL GROUND	ELEVATION OF UTIILTY	PIPE MATERIAL
2	UG GAS MAIN 2"	213.86	32	211.19	STEEL
3	UG WATER MAIN 8"	214.12	35	211.20	TRANSITE
4	UG WATER MAIN 12"	213.92	44	210.25	TRANSITE

PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

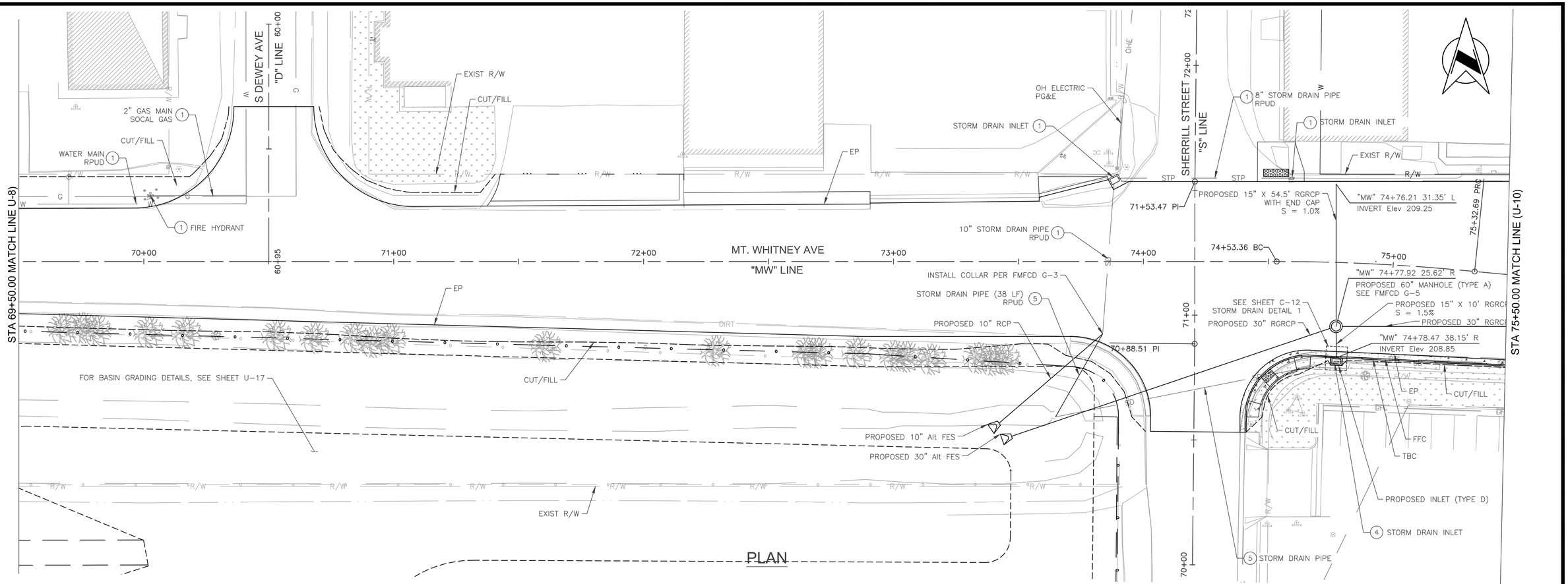
THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

MT. WHITNEY AVE STA 63+50.00 TO STA 69+50.00

DRAWING NO. 11332 SHEET NO. U-8 TOTAL 80



	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

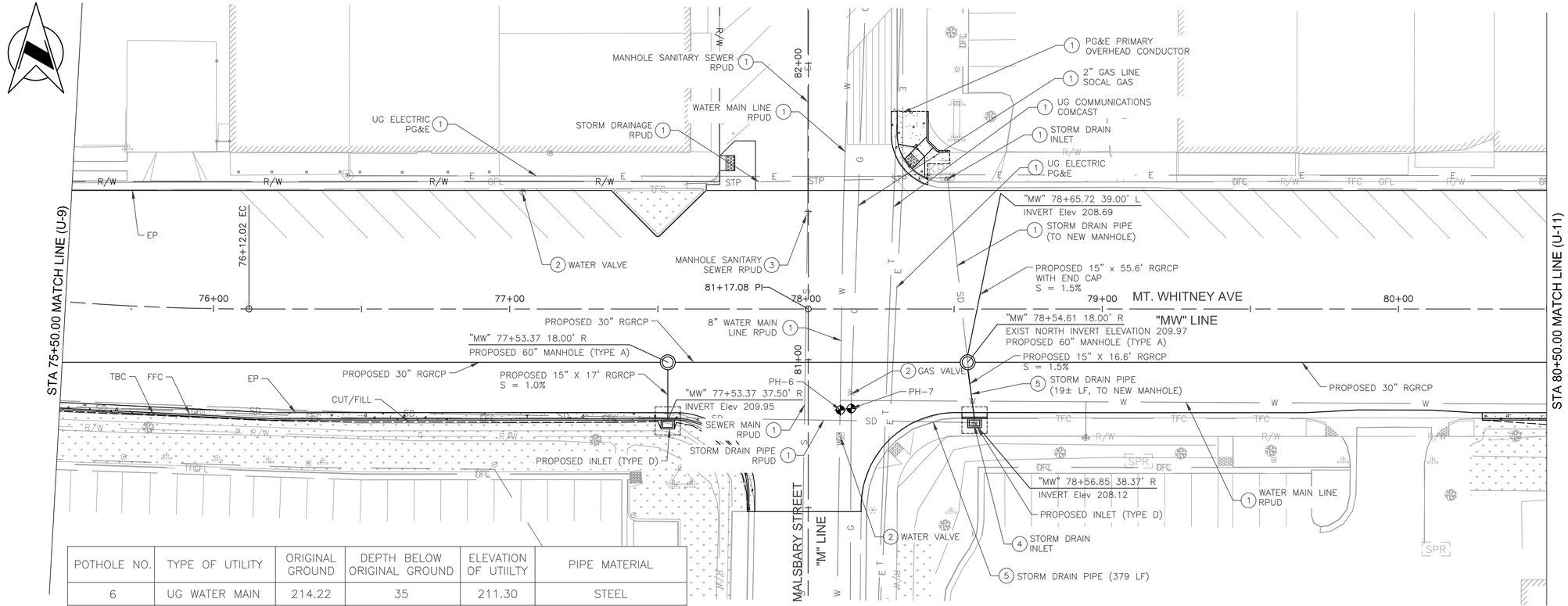
THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

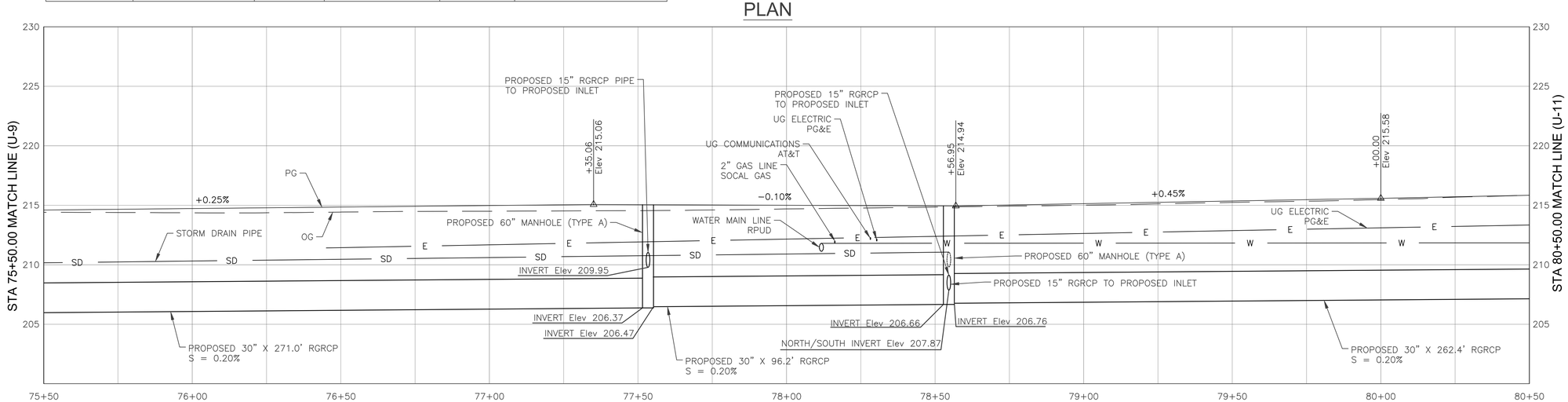
MT. WHITNEY AVE STA 69+50.00 TO STA 75+50.00

DRAWING NO. 11332 SHEET NO. U-9 TOTAL 80



POTHOLE NO.	TYPE OF UTILITY	ORIGINAL GROUND	DEPTH BELOW ORIGINAL GROUND	ELEVATION OF UTIILTY	PIPE MATERIAL
6	UG WATER MAIN	214.22	35	211.30	STEEL
7	UG GAS MAIN 2"	214.22	34	211.39	TRANSITE

PLAN



PROFILE

	DATE	RECORD DRAWING	
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE
DRAWN: E. BARCO			
CHECKED: G. GROSS			

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

SCALE

HORIZ 0 20' 40'

VERT 0 5' 10'

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO

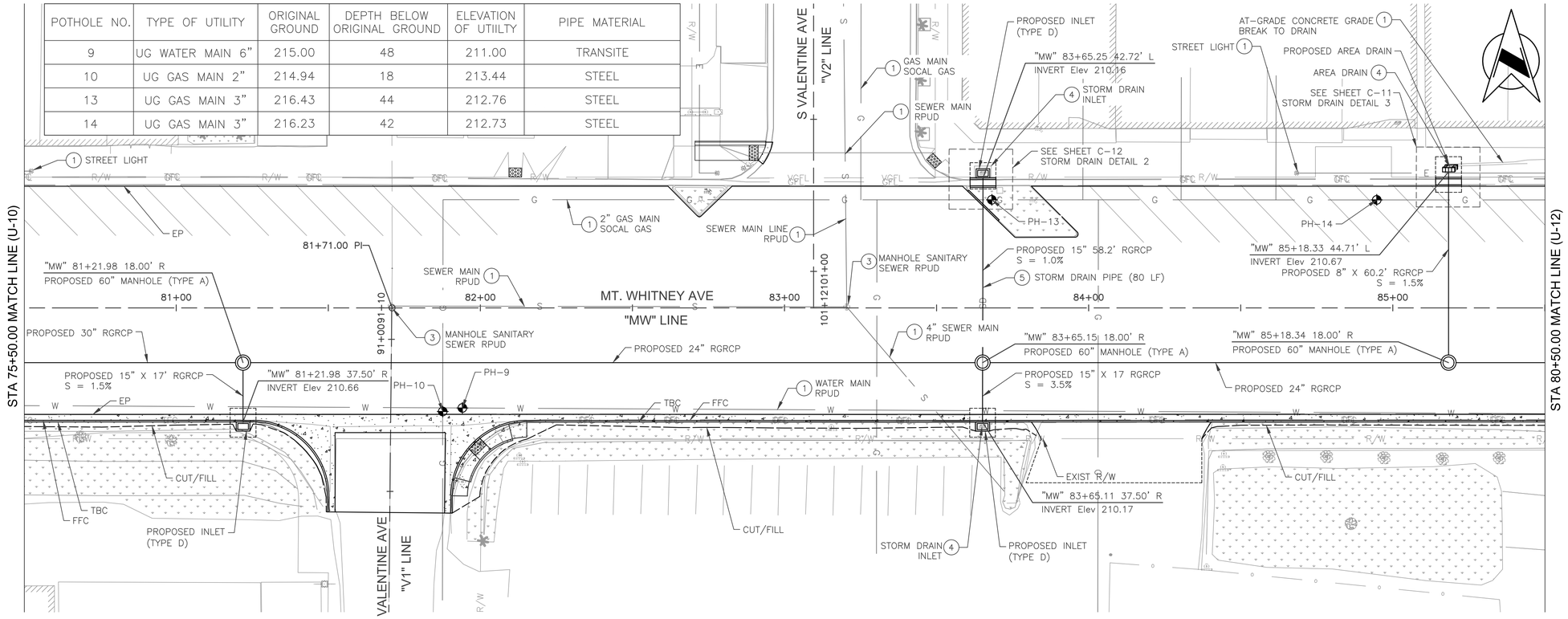
DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

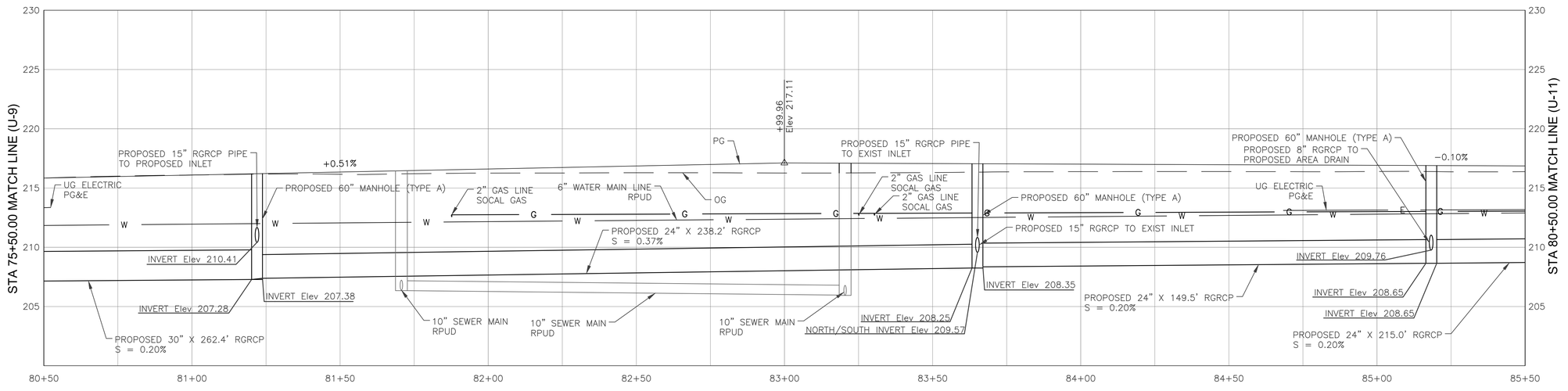
MT. WHITNEY AVE STA 75+50.00 TO STA 80+50.00

DRAWING NO. 11332 SHEET NO. U-10 TOTAL 80

POTHOLE NO.	TYPE OF UTILITY	ORIGINAL GROUND	DEPTH BELOW ORIGINAL GROUND	ELEVATION OF UTIILTY	PIPE MATERIAL
9	UG WATER MAIN 6"	215.00	48	211.00	TRANSITE
10	UG GAS MAIN 2"	214.94	18	213.44	STEEL
13	UG GAS MAIN 3"	216.43	44	212.76	STEEL
14	UG GAS MAIN 3"	216.23	42	212.73	STEEL



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

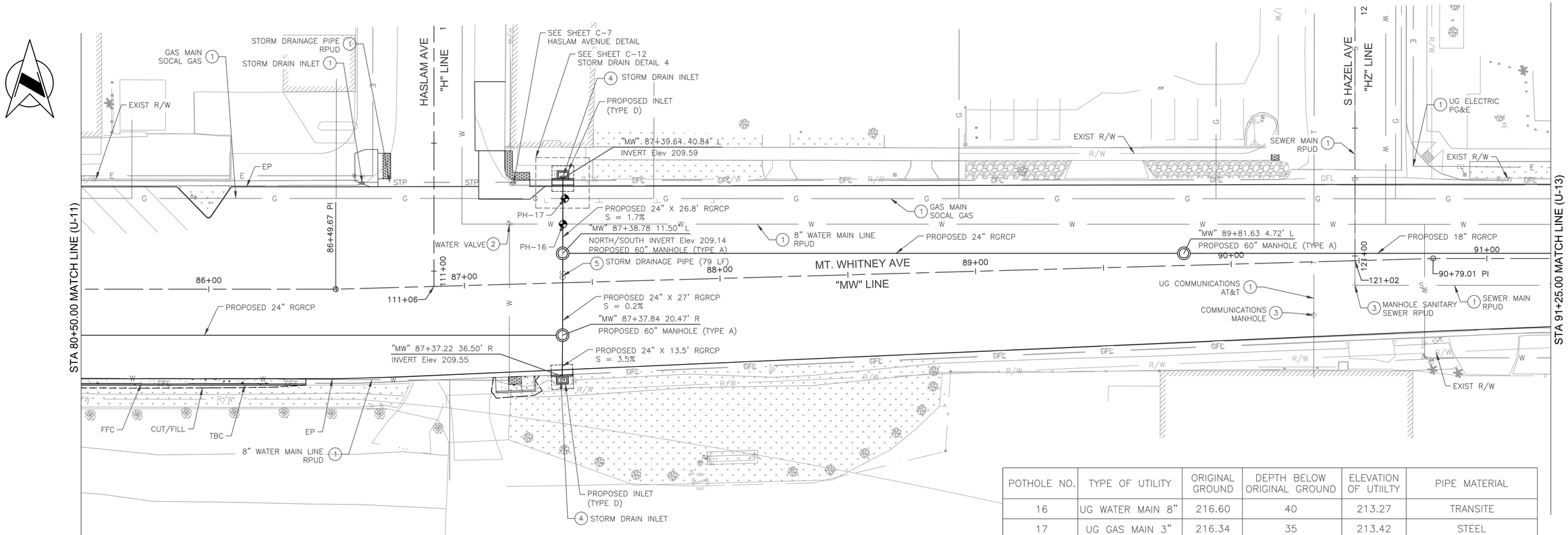
THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

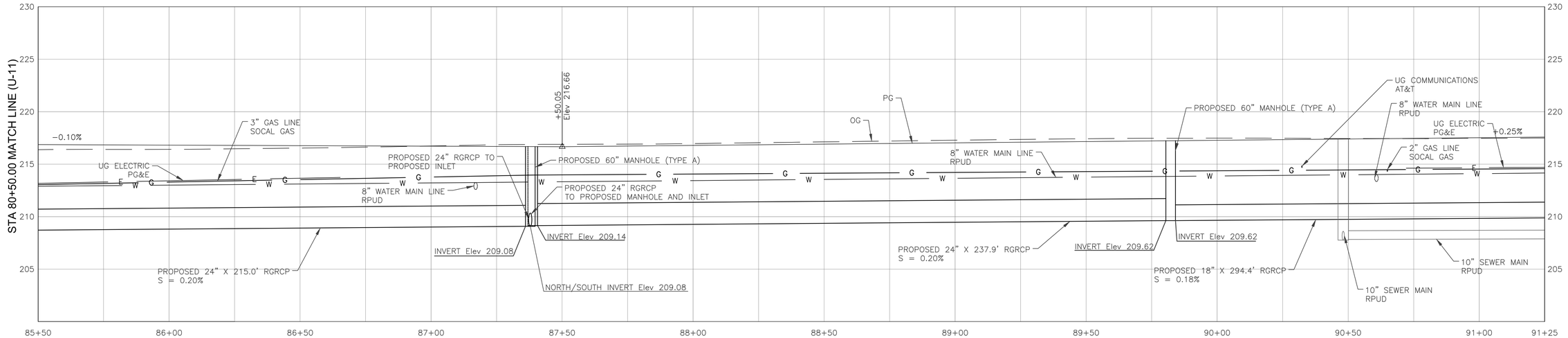
MT. WHITNEY AVE STA 80+50.00 TO STA 85+50.00

DRAWING NO. 11332 SHEET NO. U-11 TOTAL 80



PLAN

POTHOLE NO.	TYPE OF UTILITY	ORIGINAL GROUND	DEPTH BELOW ORIGINAL GROUND	ELEVATION OF UTIILTY	PIPE MATERIAL
16	UG WATER MAIN 8"	216.60	40	213.27	TRANSITE
17	UG GAS MAIN 3"	216.34	35	213.42	STEEL



PROFILE

	DATE	RECORD DRAWING	
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE
DRAWN: E. BARCO			
CHECKED: G. GROSS			

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

SCALE

HORIZ 0 20' 40'

VERT 0 5' 10'

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

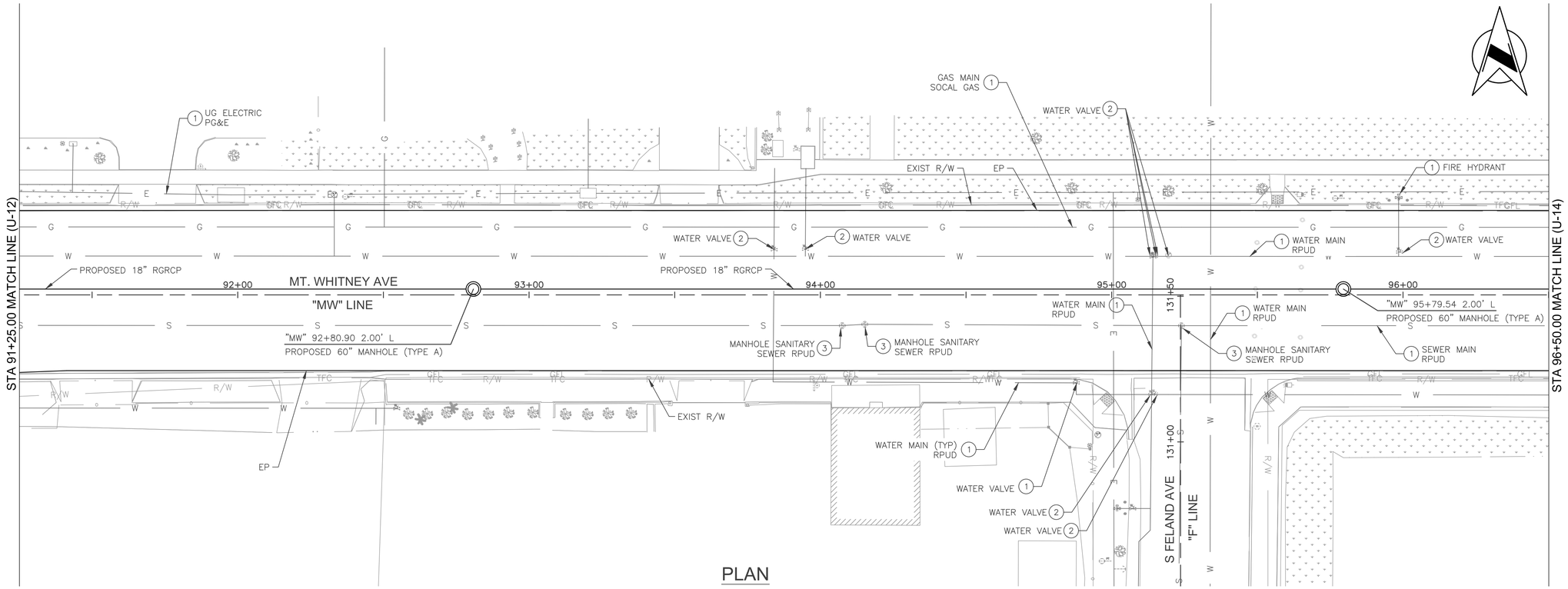
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN

MT. WHITNEY AVE STA 85+50.00 TO STA 91+25.00

DRAWING NO. 11332 SHEET NO. U-12 TOTAL 80



	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

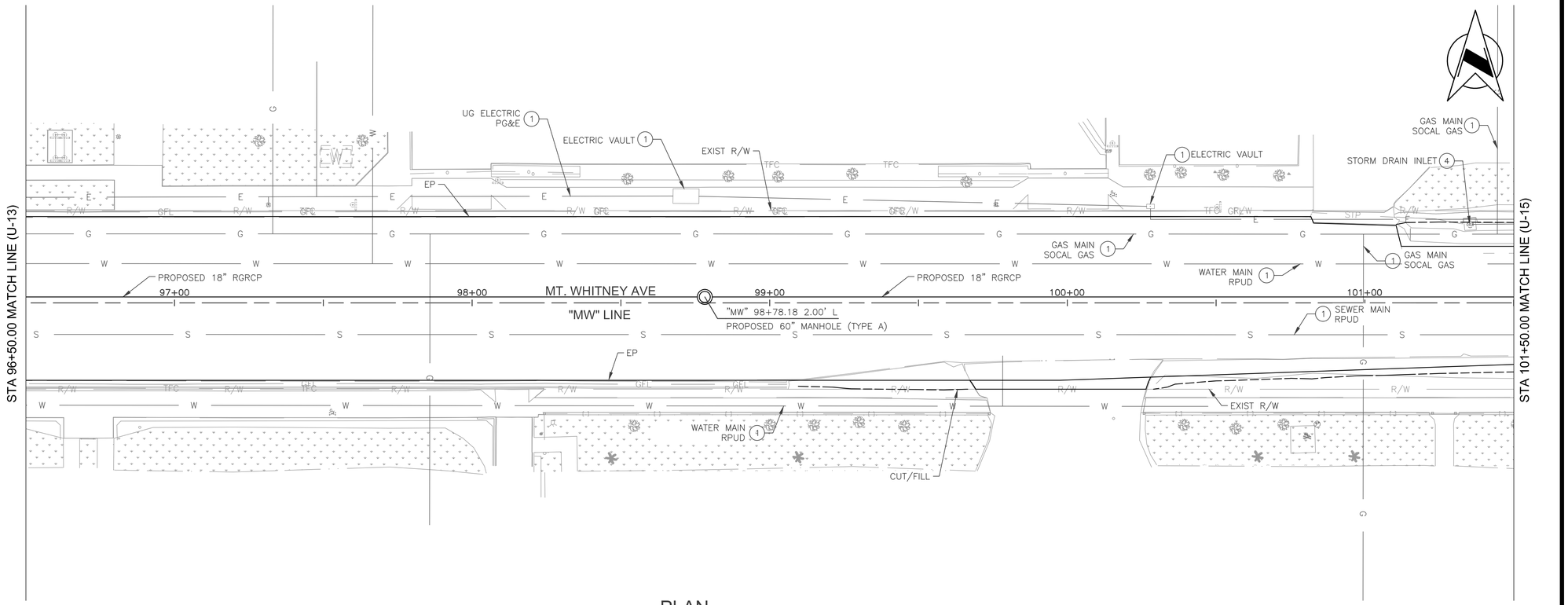
ROAD NO. BRIDGE NO.

DEPARTMENT OF PUBLIC WORKS AND PLANNING

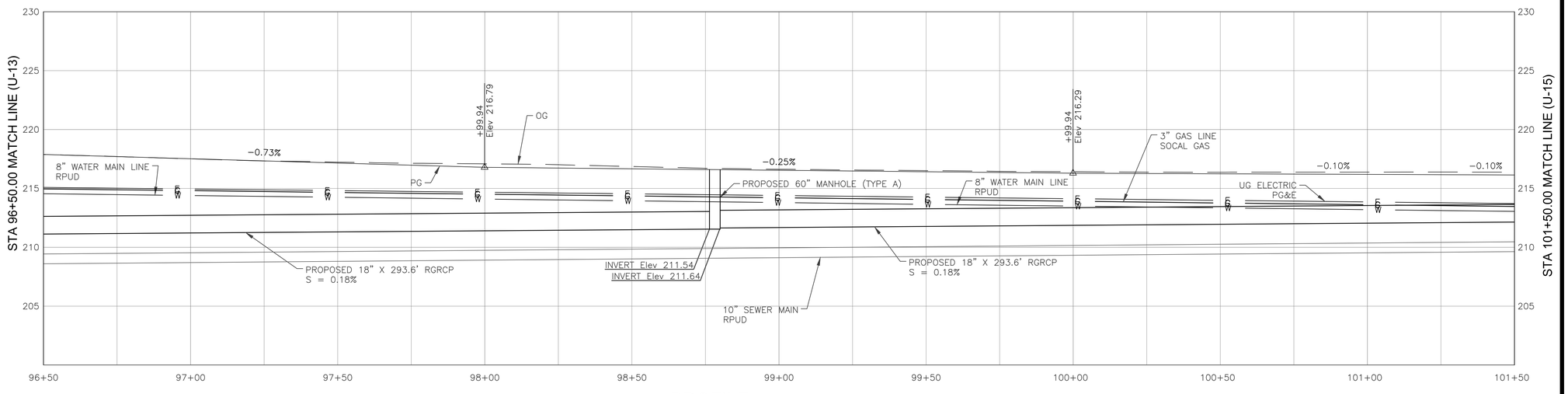
UTILITY PLAN

MT. WHITNEY AVE STA 91+25.00 TO STA 96+50.00

DRAWING NO. 11332 SHEET NO. U-13 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

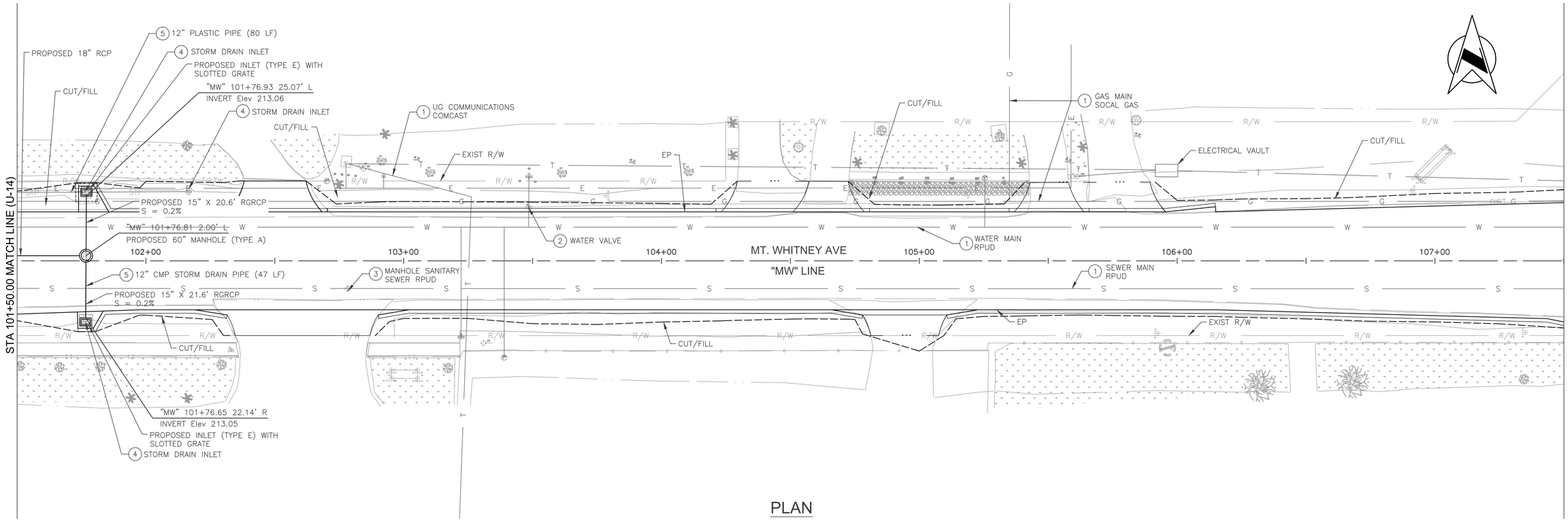
Dewberry

REGISTERED PROFESSIONAL ENGINEER No. 70950 Exp.6/30/27 CIVIL STATE OF CALIFORNIA

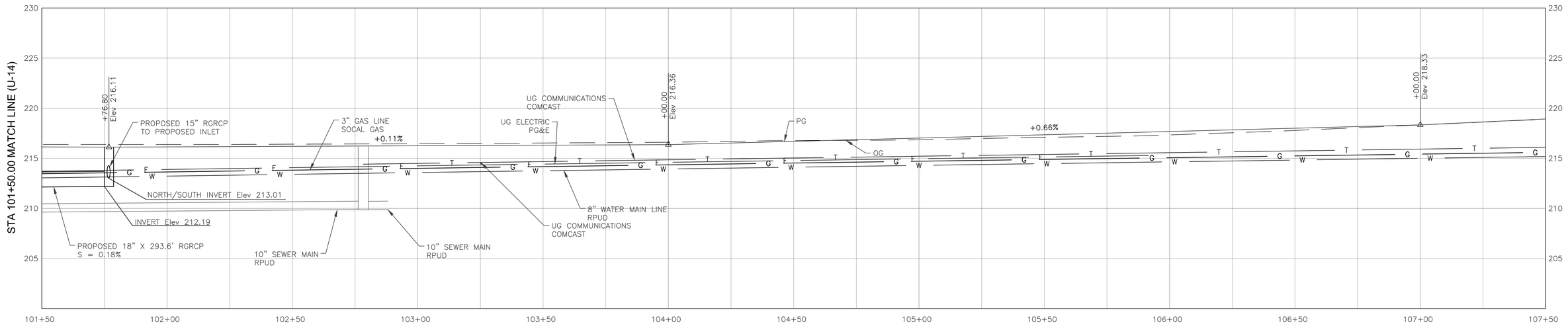
PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING			
UTILITY PLAN MT. WHITNEY AVE STA 96+50.00 TO STA 101+50.00			
DRAWING NO. 11332	SHEET NO. U-14	TOTAL	80



PLAN



PROFILE

	DATE	RECORD DRAWING	
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE
DRAWN: E. BARCO			
CHECKED: G. GROSS			

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

SCALE

HORIZ 0 20' 40'

VERT 0 5' 10'

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS

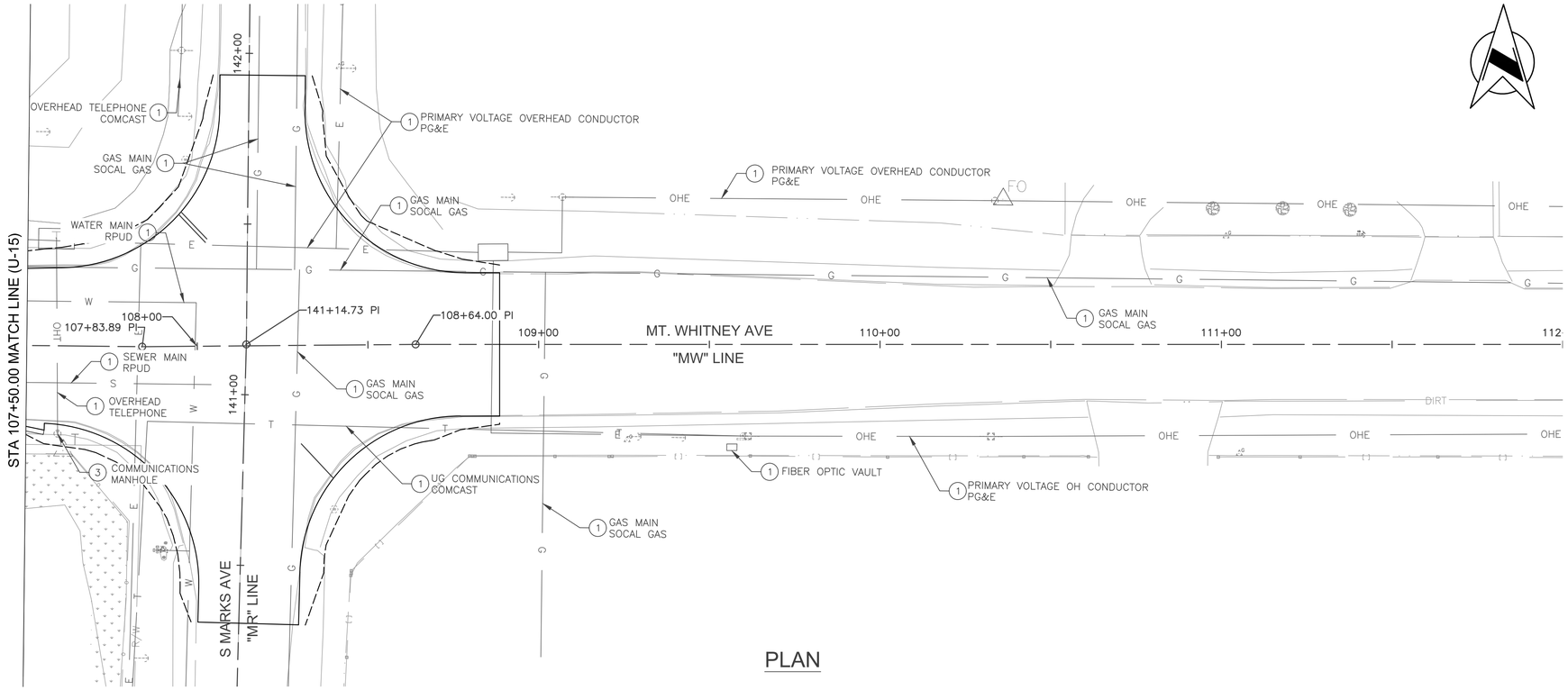
ROAD NO. BRIDGE NO.

COUNTY OF FRESNO

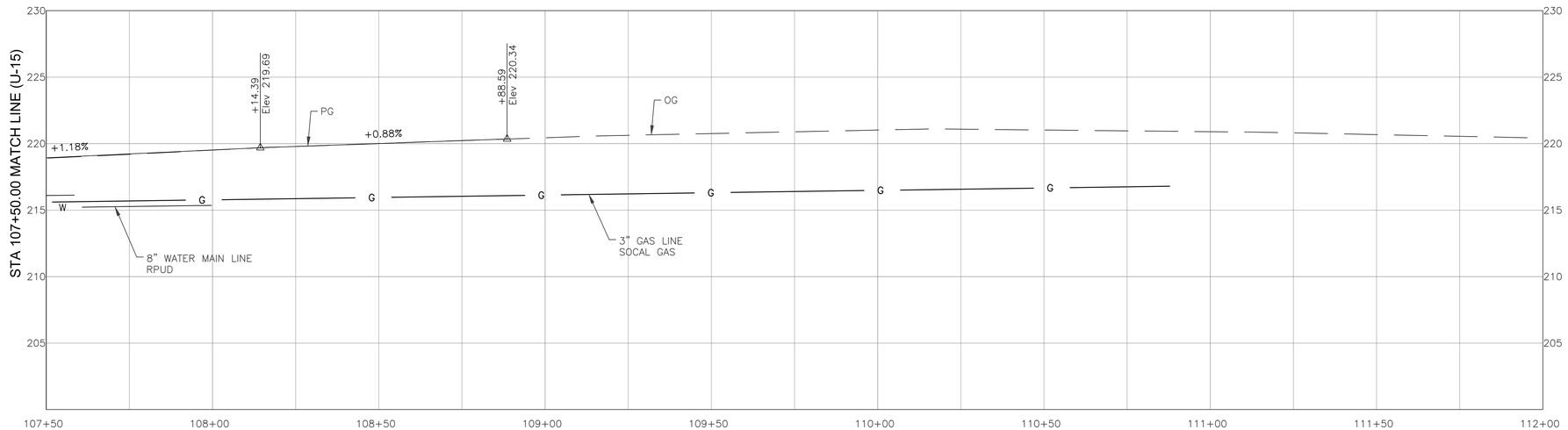
DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN
MT. WHITNEY AVE
STA 101+50.00 TO STA 107+50.00

DRAWING NO. 11332 SHEET NO. U-15 TOTAL 80



PLAN



PROFILE

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER No. 70950 Exp.6/30/27 CIVIL STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

COUNTY OF FRESNO

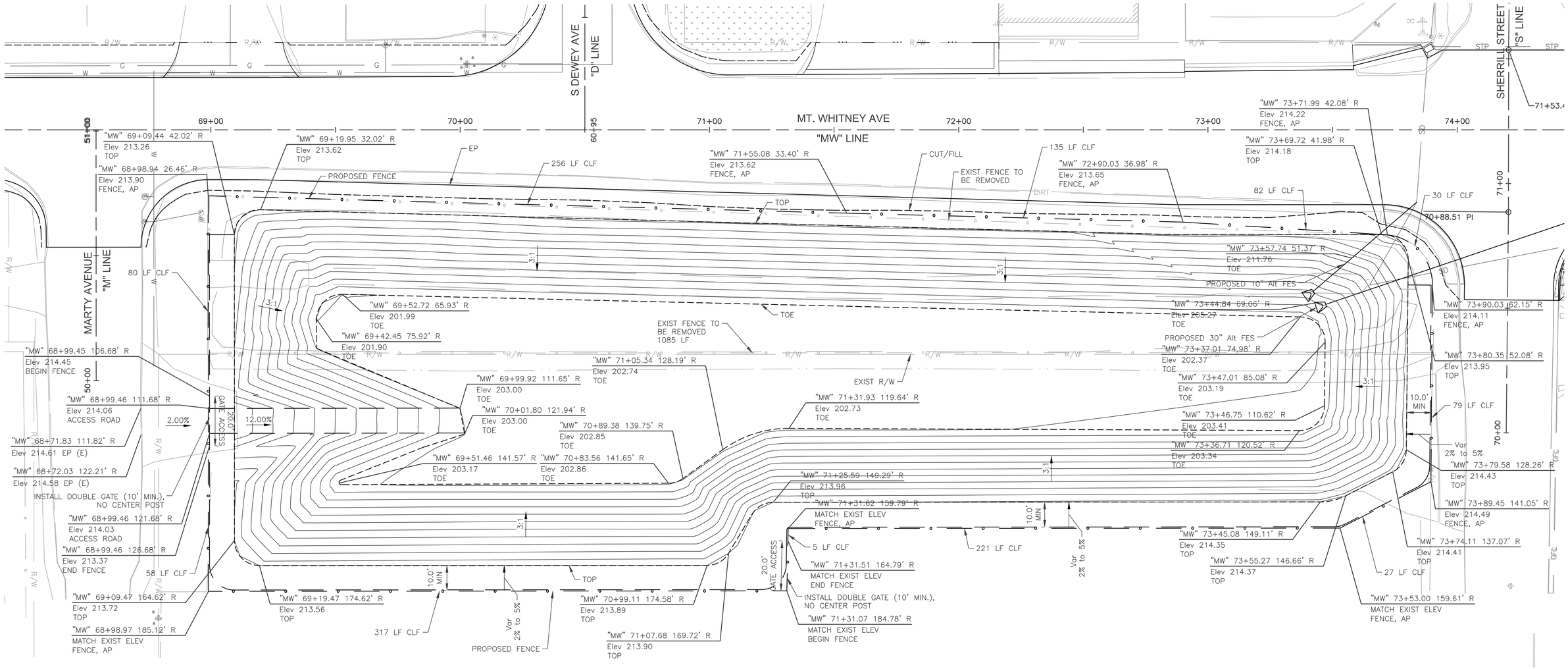
DEPARTMENT OF PUBLIC WORKS AND PLANNING

UTILITY PLAN
MT. WHITNEY AVE
STA 107+50.00 TO STA 112+00.00

DRAWING NO. 11332 SHEET NO. U-16 TOTAL 80

NOTES:

1. FOR BASIN GRADING, SEE BASIN CROSS SECTIONS



	DATE	RECORD DRAWING	
DESIGNED: E. BARCO	04/28/2025	RESIDENT ENGINEER	DATE
DRAWN: E. BARCO	04/28/2025		
CHECKED: G. GROSS	04/28/2025		

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

SCALE

HORIZ 0 20' 40'

VERT 0 5' 10'

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

MT. WHITNEY AVE BASIN

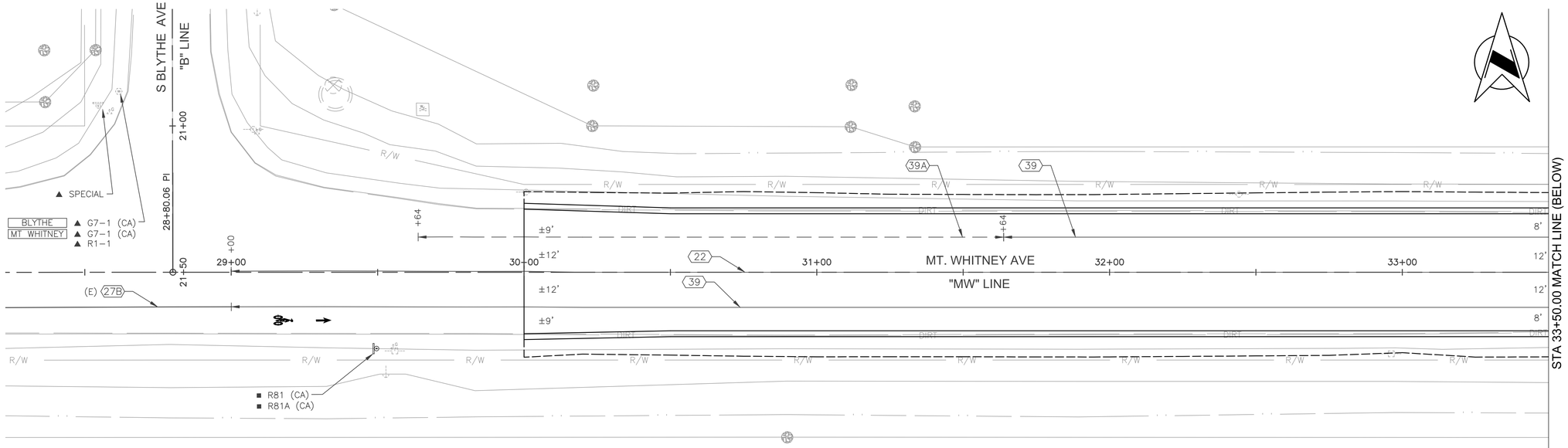
DRAWING NO. 11332 SHEET NO. U-17 TOTAL 80

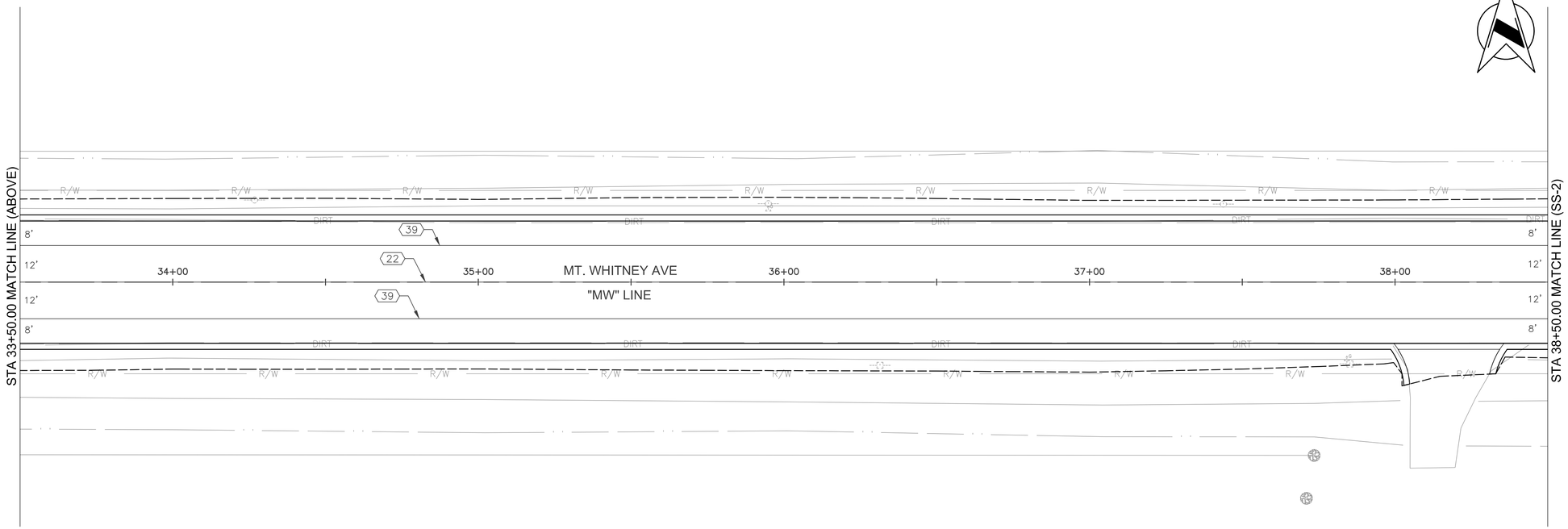
NOTES:

1. FOR ALL PAVEMENT STRIPING AND MARKING DETAILS, REFER TO CALTRANS STANDARD PLANS DATED 2015.
2. FOR ROADSIDE SIGN DETAILS, REFER TO 2014 VERSION OF THE CALIFORNIA MUTCD.
3. RELOCATED SIGNS SHALL BE EQUIPPED WITH A NEW POST.
4. ALL SIGNS SHALL BE 3M DIAMOND GRADE DG3 SERIES 400 OR EQUAL PER ASTM D4956-13 TYPE IX. ALL SIGNS SHALL BE COVERED WITH F-CAL BRAND OR APPROVED EQUAL GRAFFITI RESISTANT CLEAR OVERLAY THAT DOES NOT IMPAIR THE REFLECTIVITY OF THE SIGN
5. WITH THE EXCEPTION OF BIKE LANE STRIPING AND BIKE LANE LEGEND, ALL STRIPING SHALL BE THERMOPLASTIC. PAINT SHALL BE 2 COATS.
6. SIGN POSTS SHALL BE 2" X 2" SQUARE 14" GAUGE GALVANIZED STEEL POSTS INSTALLED IN A 2-1/4" X 2-1/4" SQUARE BY 30" LONG 12 GAUGE STEEL ANCHOR BASE WELDED FLUSH WITH TOP OF 2-1/2" X 2-1/2" SQUARE BY 18" GALVANIZED STEEL ANCHOR SLEEVE.
7. CROSSWALK SHALL BE 12' FROM OUTSIDE EDGE TO OUTSIDE EDGE.
8. LIMIT LINES SHALL BE 12" IN WIDTH.
9. ALL FIRE HYDRANTS TO HAVE BLUE REFLECTIVE PAVEMENT MARKERS.

LEGEND:

- ▲ EXISTING SIGN TO REMAIN (PROTECT IN PLACE)
- ● SALVAGE ROADSIDE SIGN
- ■ FURNISH ROADSIDE SIGN
- ROADSIDE SIGN ONE POST
- BEGIN END OF TRAFFIC STRIPE DETAIL
- (#) TRAFFIC STRIPE DETAIL NUMBER
- (WW) WHITE CROSSWALK PAVEMENT MARKING
- (WY) YELLOW CROSSWALK PAVEMENT MARKING





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

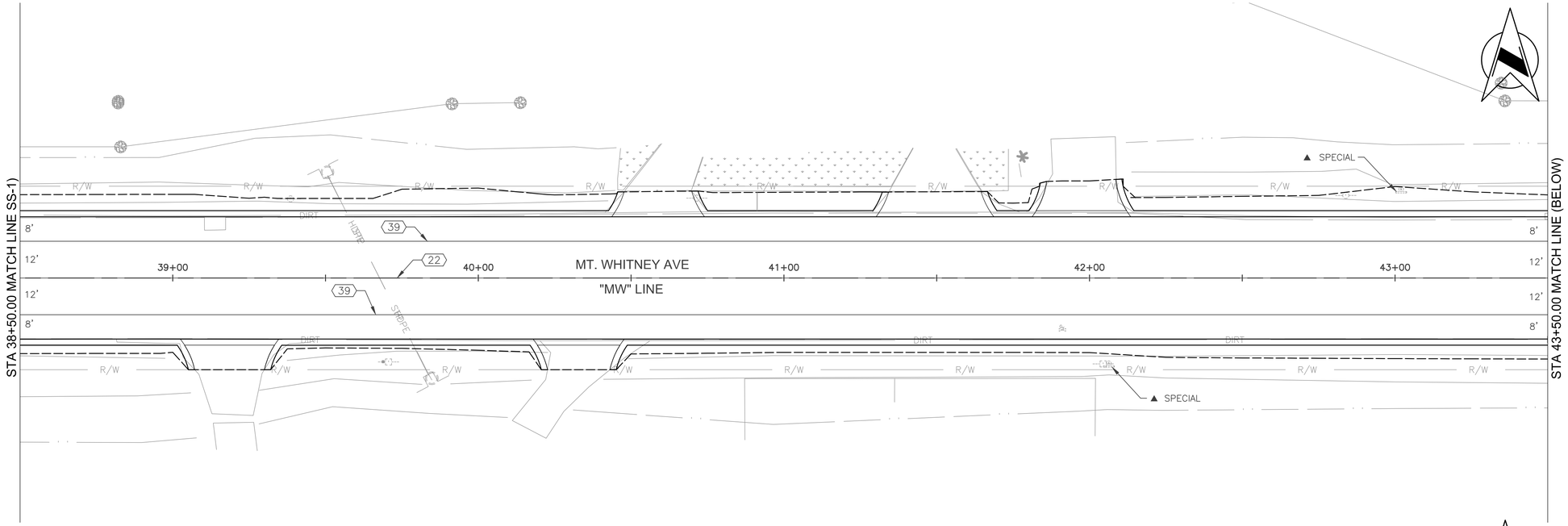
Dewberry

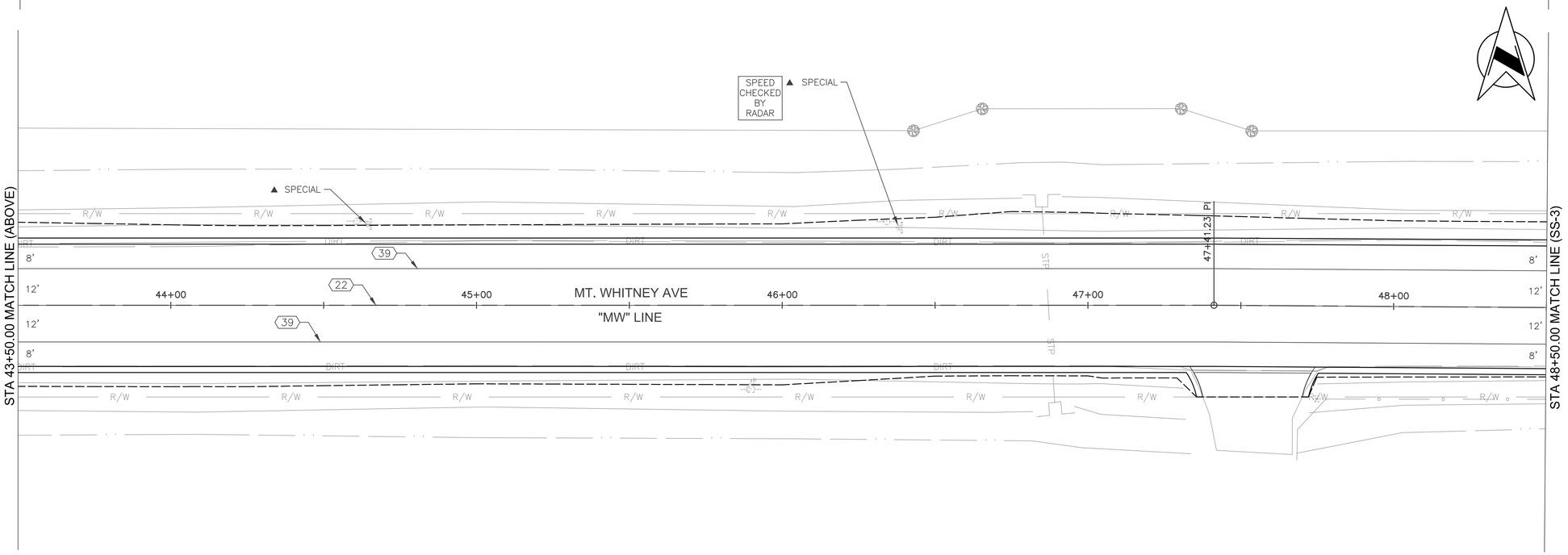
REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING
SIGNING AND STRIPING
MT. WHITNEY AVE STA 28+50.00 TO STA 38+50.00
DRAWING NO. 11332 SHEET NO. SS-1 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

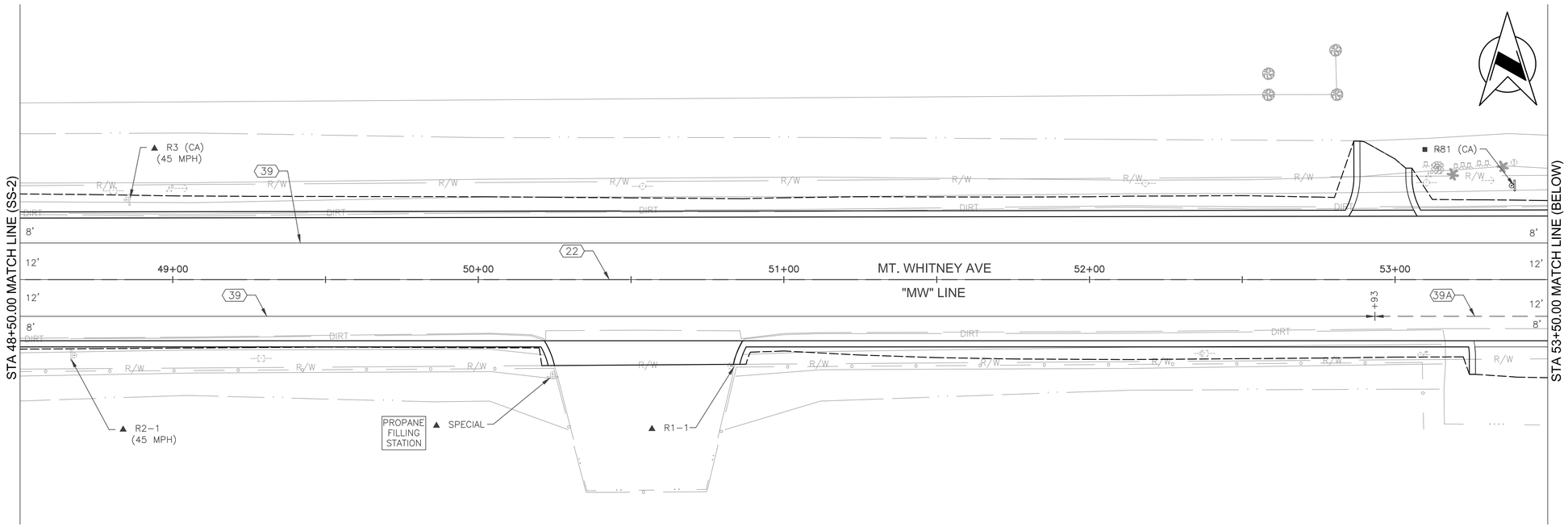
THE COUNTY OF FRESNO

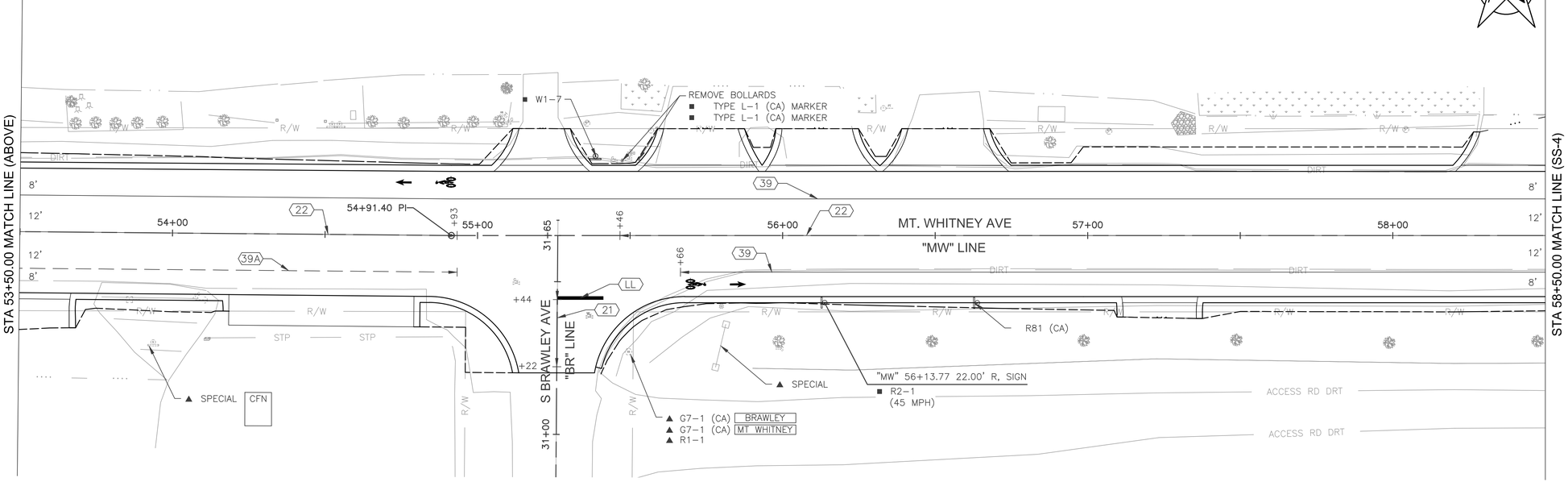
DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

MT. WHITNEY AVE STA 38+50.00 TO STA 48+50.00

DRAWING NO. 11332 SHEET NO. SS-2 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

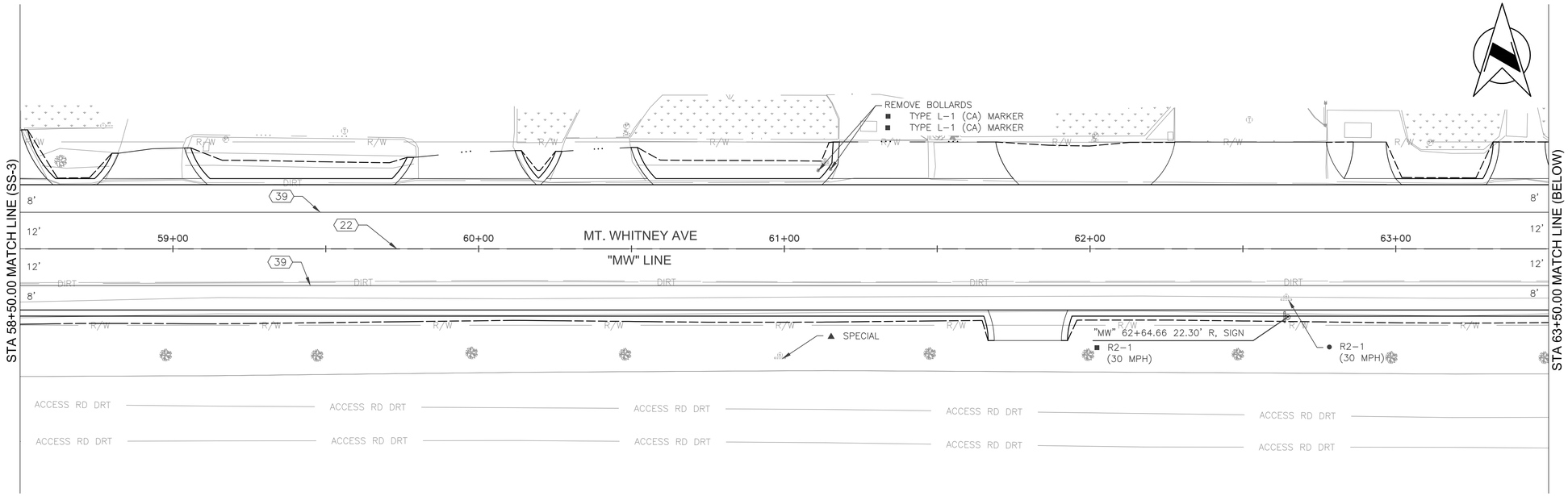
COUNTY OF FRESNO

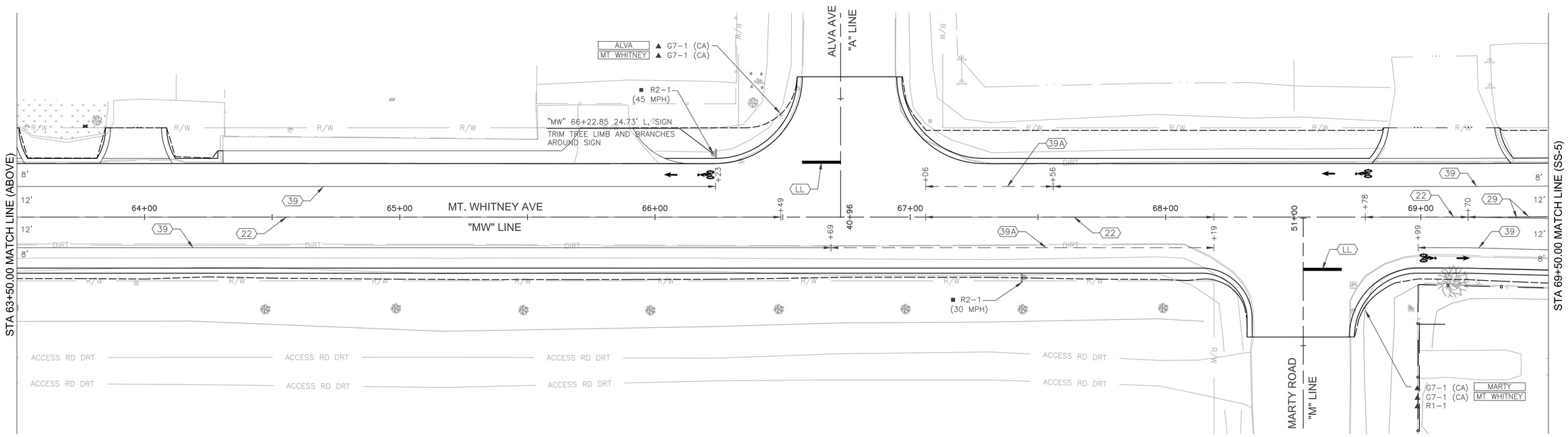
DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

MT. WHITNEY AVE STA 48+50.00 TO STA 58+50.00

DRAWING NO. 11332 SHEET NO. SS-3 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

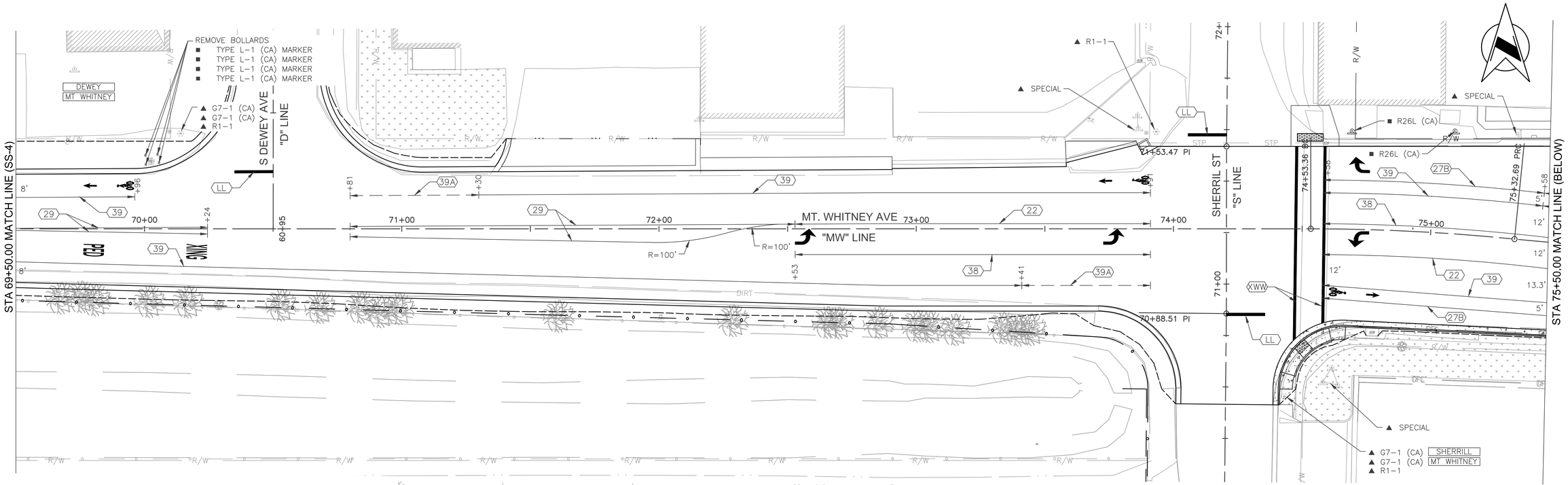
Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING
SIGNING AND STRIPING
MT. WHITNEY AVE STA 58+50.00 TO STA 69+50.00
DRAWING NO. 11332 SHEET NO. SS-4 TOTAL 80



TYPICAL PARKING DETAIL

SCALE: 1"=10'

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

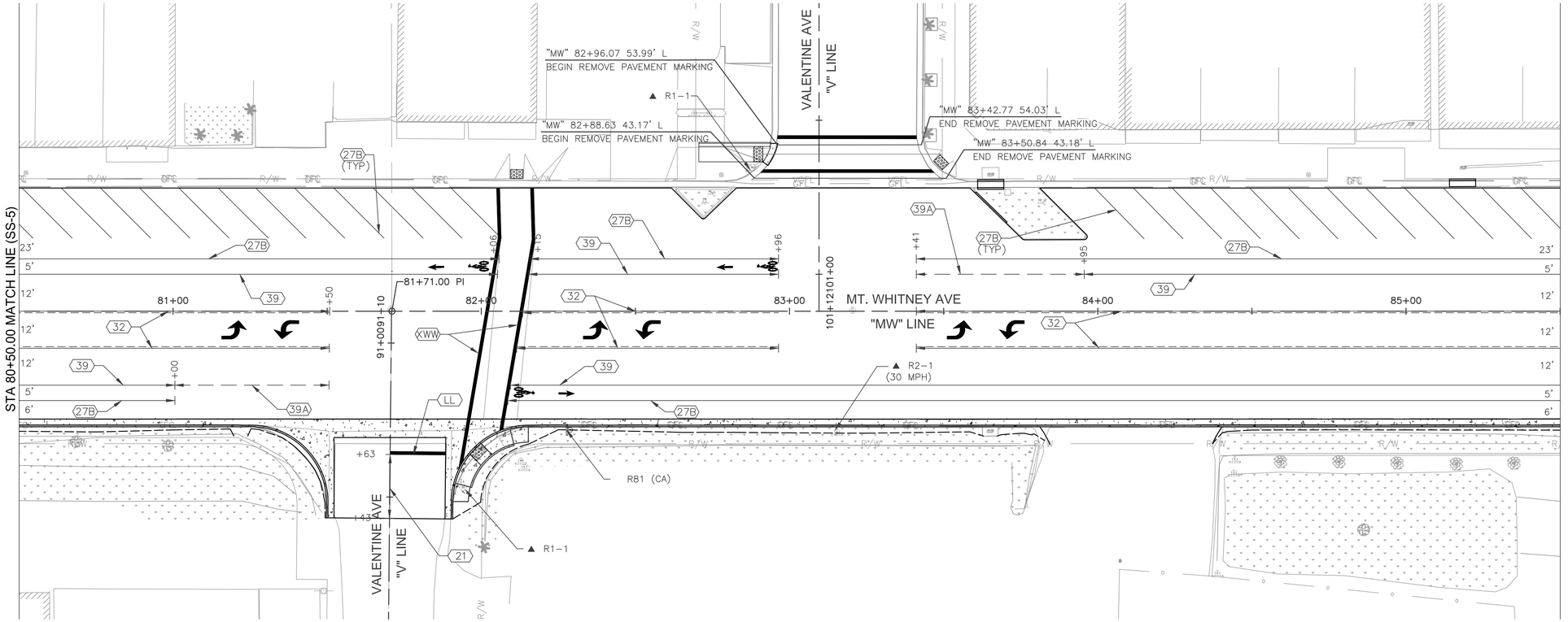
THE COUNTY OF FRESNO

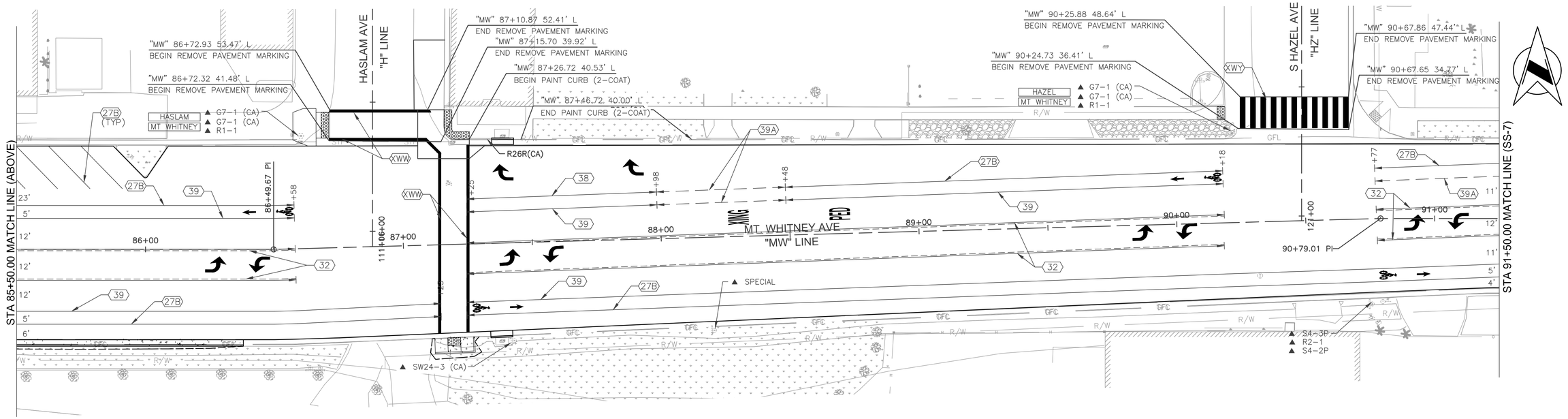
DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING

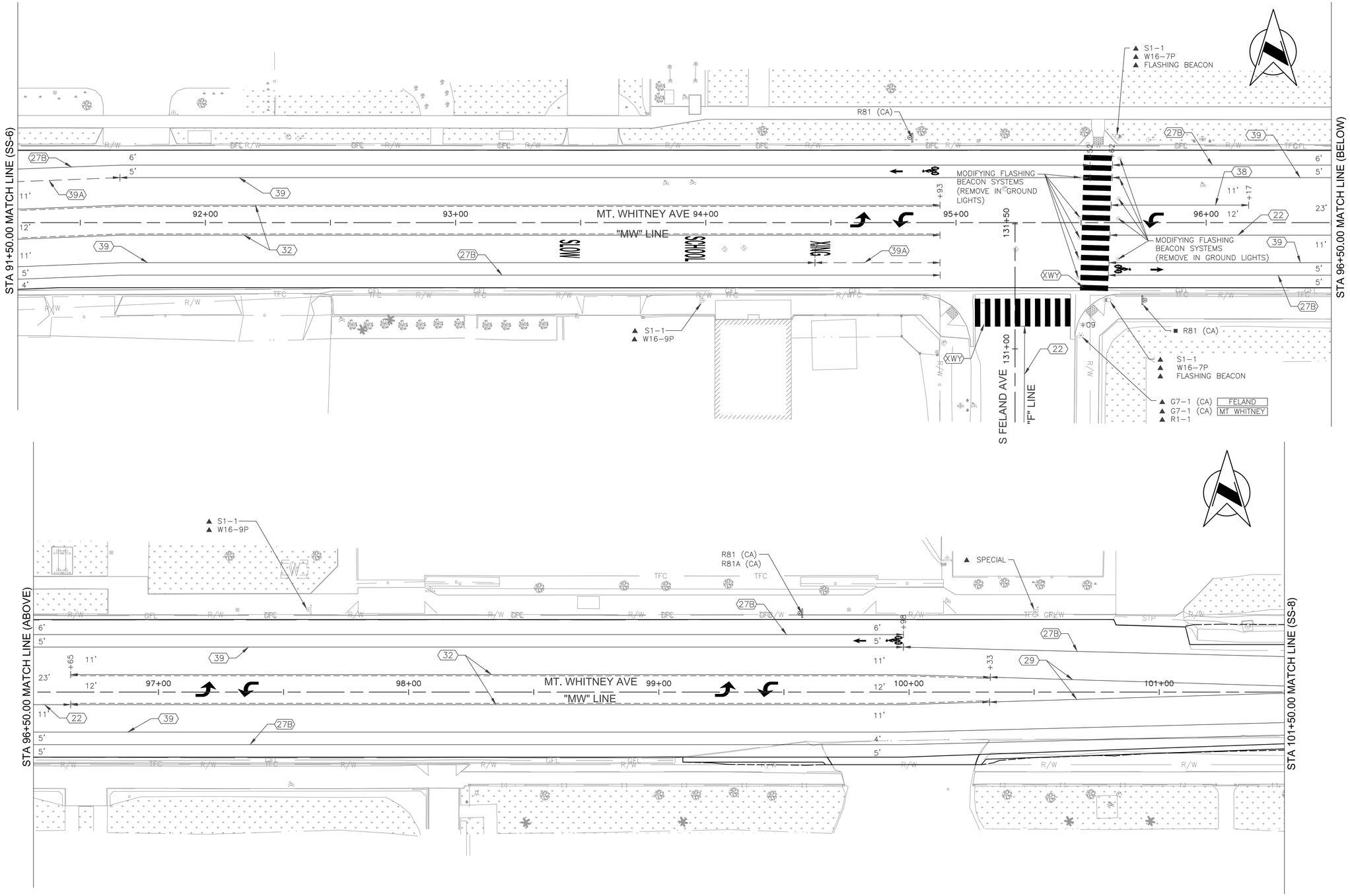
MT. WHITNEY AVE STA 69+50.00 TO STA 80+50.00

DRAWING NO. 11332 SHEET NO. SS-5 TOTAL 80





	DATE	RECORD DRAWING		SCALE		PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'	Dewberry	MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	SIGNING AND STRIPING
DRAWN: E. BARCO				VERT 0 5' 10'			MT. WHITNEY AVE STA 80+50.00 TO STA 91+50.00
CHECKED: G. GROSS					REGISTERED PROFESSIONAL ENGINEER Greg Morris No. 70950 Exp.6/30/27 CIVIL STATE OF CALIFORNIA	ROAD NO. BRIDGE NO.	DRAWING NO. 11332 SHEET NO. SS-6 TOTAL 80
FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.							



	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

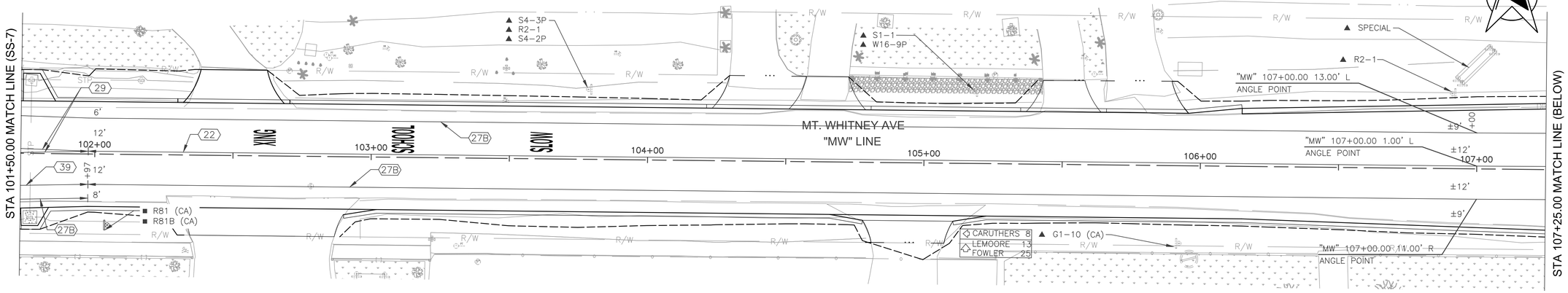
PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

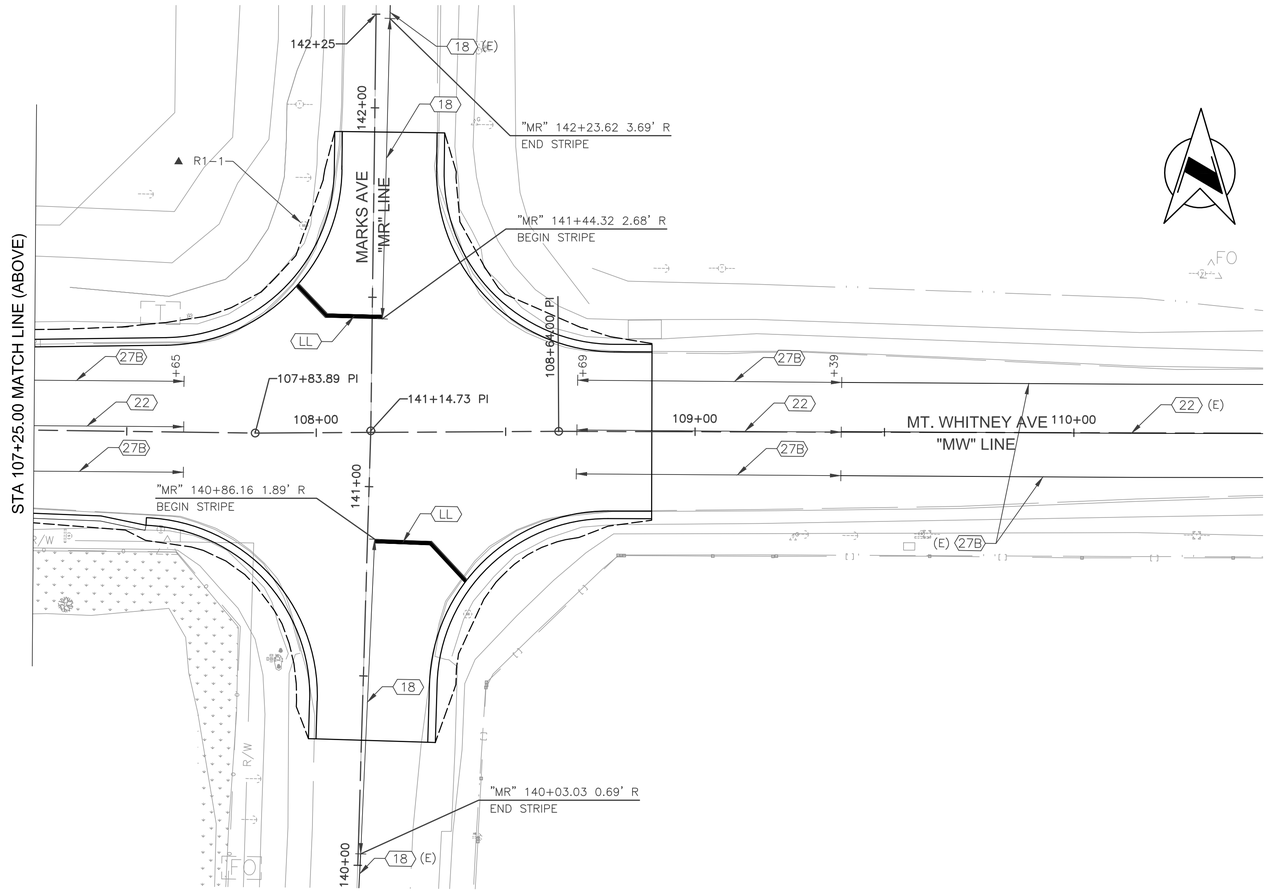
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

SIGNING AND STRIPING
MT. WHITNEY AVE
STA 91+50.00 TO STA 101+50.00

DRAWING NO. 11332 SHEET NO. SS-7 TOTAL 80





	DATE	RECORD DRAWING		SCALE		PROJECT	DEPARTMENT OF PUBLIC WORKS AND PLANNING
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'	Dewberry	MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	SIGNING AND STRIPING MT. WHITNEY AVE STA 101+50.00 TO STA 110+50.00
DRAWN: E. BARCO				VERT 0 5' 10'		ROAD NO. BRIDGE NO.	DRAWING NO. 11332 SHEET NO. SS-8 TOTAL 80
CHECKED: G. GROSS							

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

THE COUNTY OF FRESNO

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

NOTES:

1. MAINTAIN BUSINESS, RESIDENTIAL & MINOR ROAD ACCESS AT ALL TIMES.
2. PRESERVE PEDESTRIAN ACCESS AT ALL TIMES.
3. FOR DRAINAGE IMPROVEMENTS OUTSIDE SIDEWALK CONSTRUCTION, CONTRACTOR TO PROVIDE ONE LANE TRAFFIC CONTROL AS NEEDED DURING WORK HOURS AND TWO LANES OF TRAVEL DURING NON WORK HOURS.
4. TEMPORARY PAVEMENT MARKER TO BE YELLOW UNLESS OTHERWISE SHOWN.
5. WHEN REDUCING MT. WHITNEY TO 1 LANE REFER TO CALTRANS STANDARD PLAN T13 FOR LANE CLOSURES.
6. ALL MAIL BOXES ARE TO REMAIN IN PLACE AND ACCESSIBLE DURING CONSTRUCTION.

LEGEND:

WORK AREA

ADHESIVE PORTABLE DELINEATOR (10' O.C.)

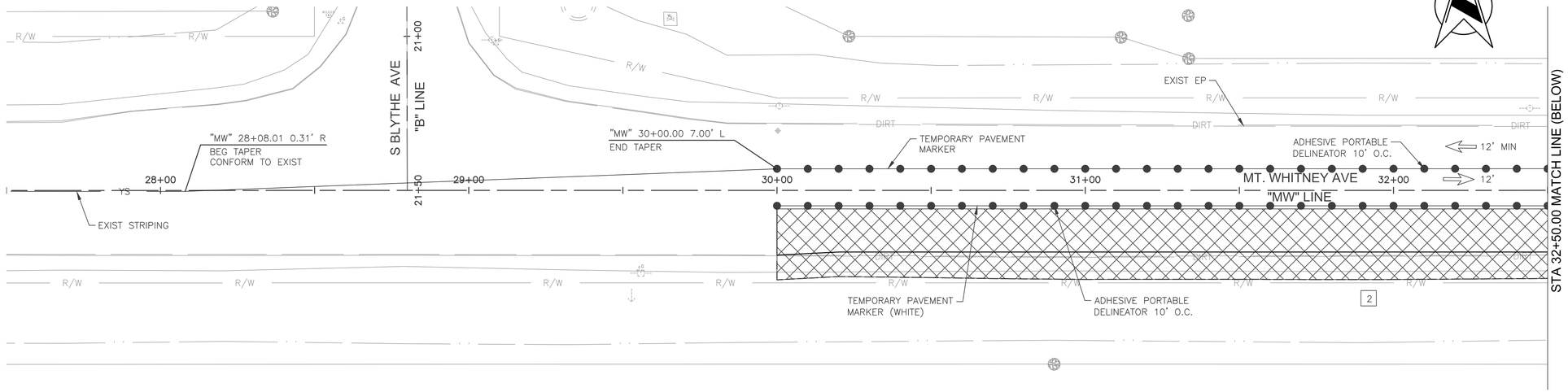
DIRECTION OF TRAVEL

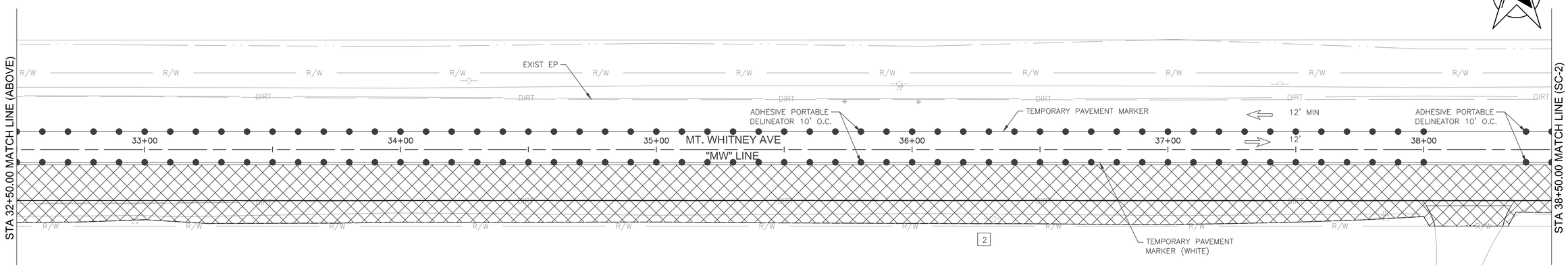
CONSTRUCTION NOTES:

1 CONTRACTOR TO INSTALL STORM DRAIN AND WATER MAIN AT FELAND AVE FIRST. COORDINATE WITH RESIDENT ENGINEER FOR TRAFFIC HANDLING DURING STORM DRAIN CONSTRUCTION.

2 STAGE 1 WORK AREA FOR FDR LIMITS OF WORK TO CONSTRUCT SOUTH SIDE OF MT WHITNEY AVE

3 STAGE 2 WORK AREA FOR FDR LIMITS OF WORK TO CONSTRUCT NORTH SIDE OF MT WHITNEY AVE





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

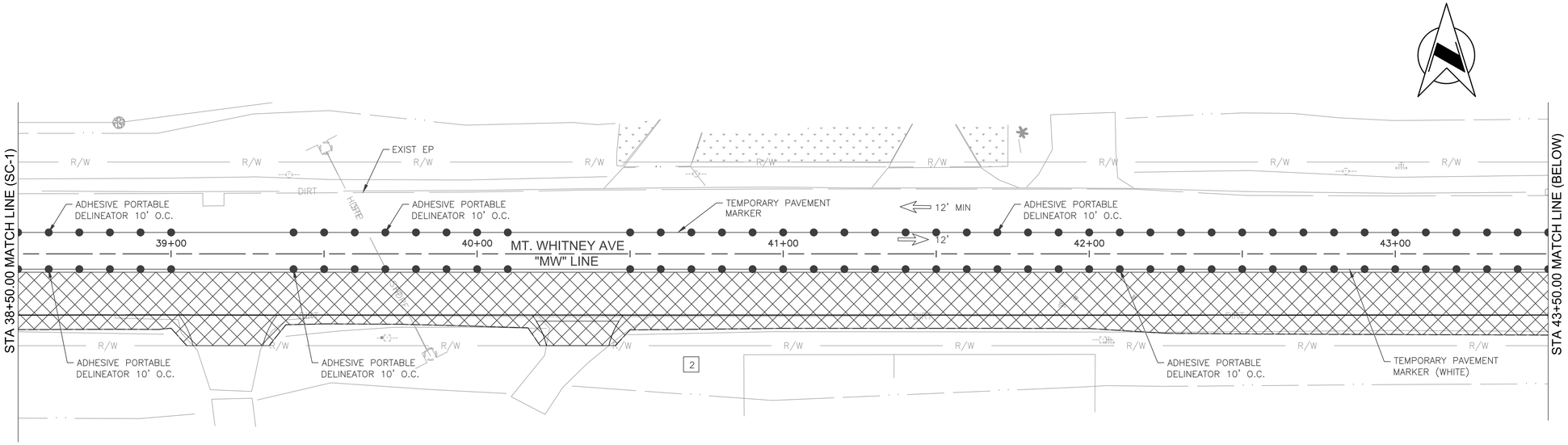
ROAD NO. BRIDGE NO.

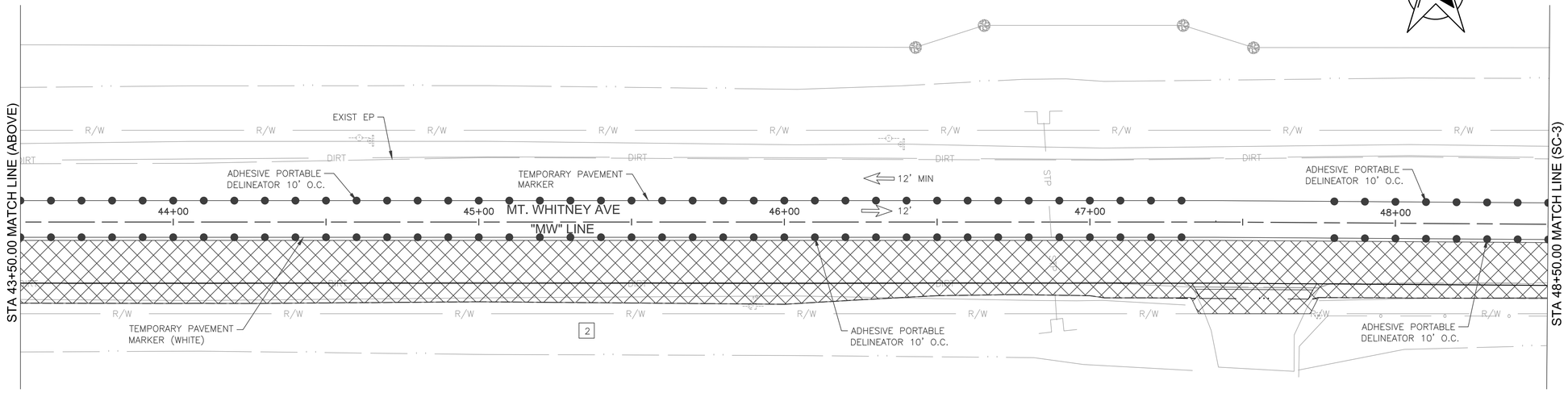
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-1 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 27+50.00 TO STA 38+50.00

DRAWING NO. 11332 SHEET NO. SC-1 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

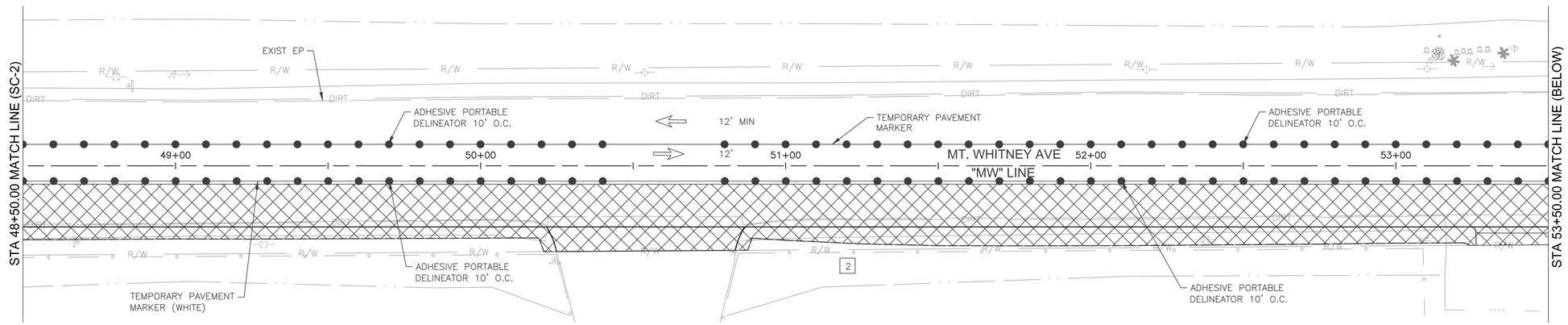
ROAD NO. BRIDGE NO.

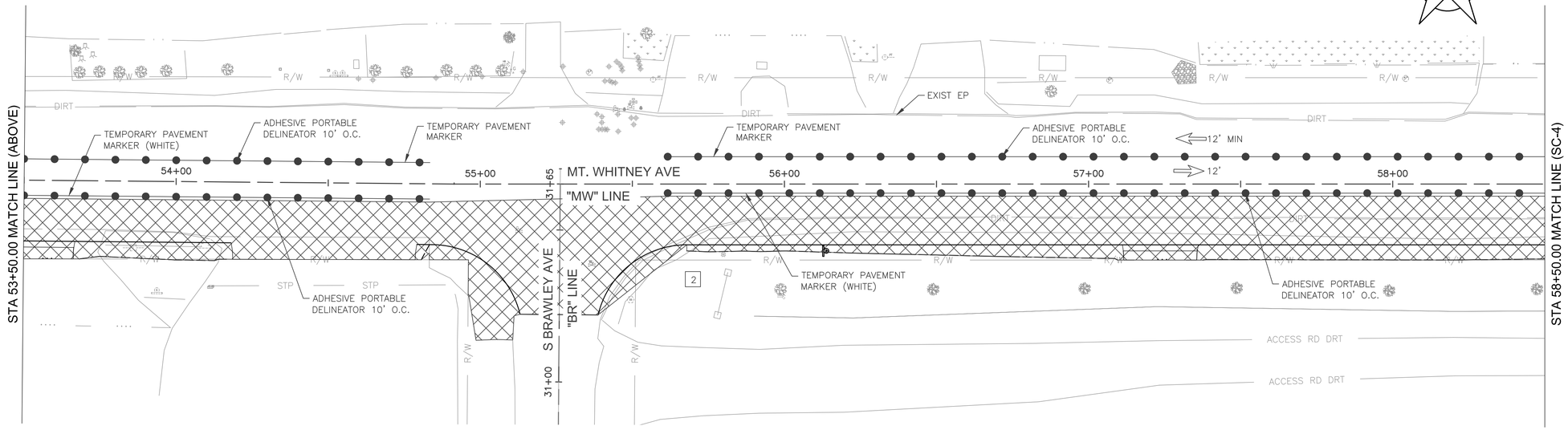
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-1 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 38+50.00 TO STA 48+50.00

DRAWING NO. 11332 SHEET NO. SC-2 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

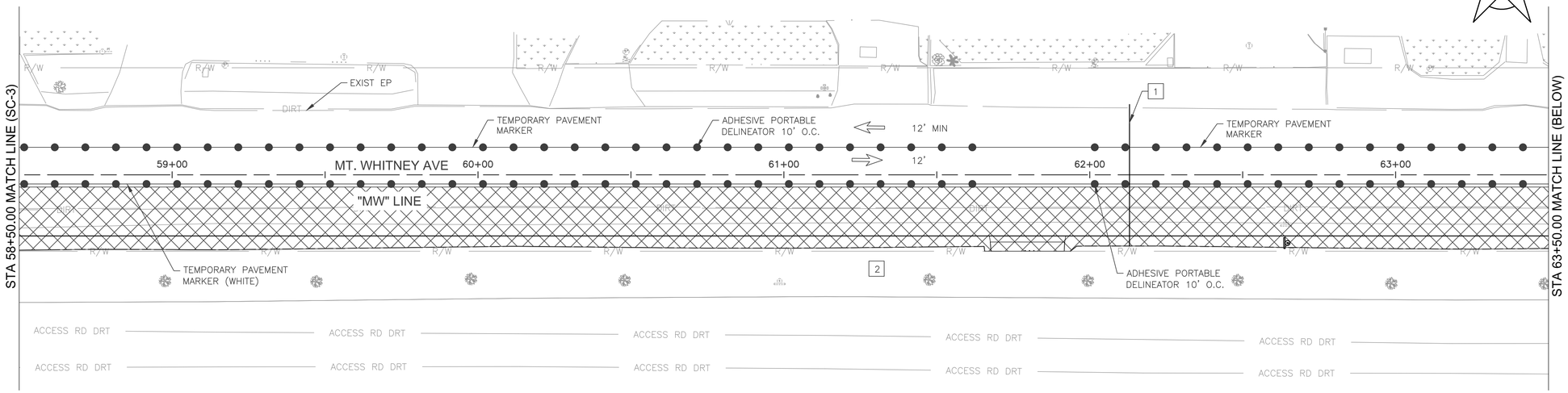
PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

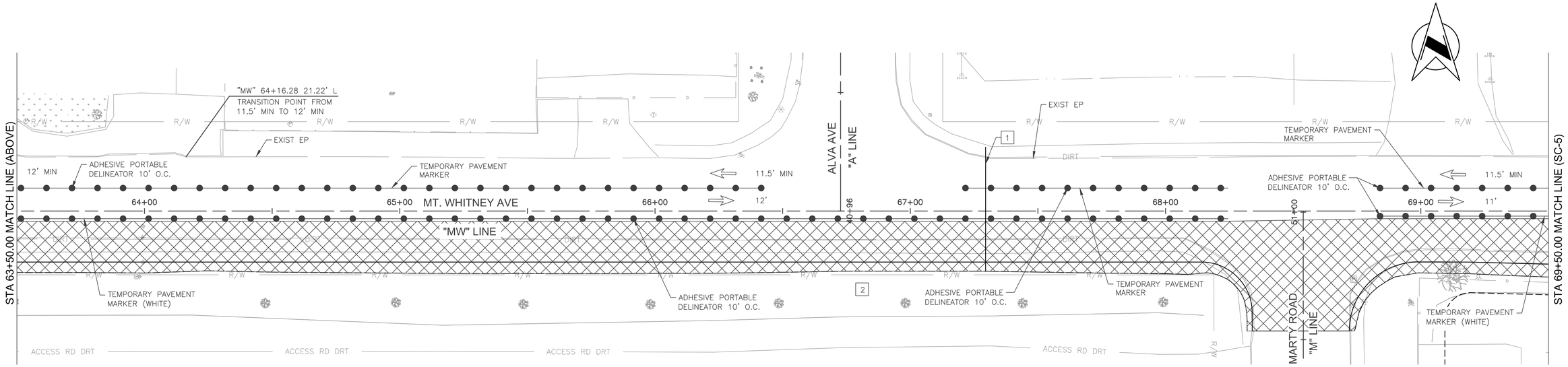
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-1 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 48+50.00 TO STA 58+50.00

DRAWING NO. 11332 SHEET NO. SC-3 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS

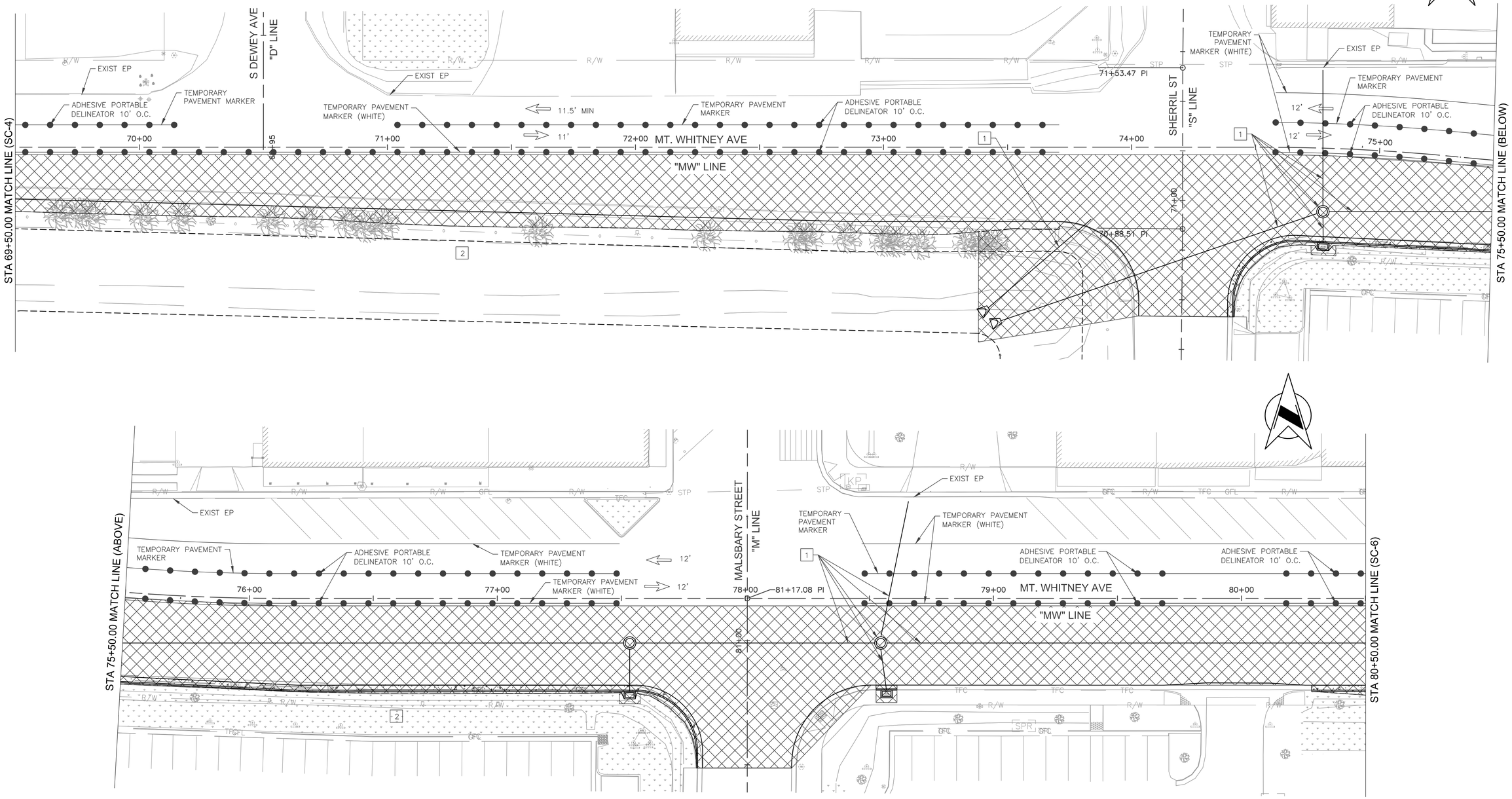
ROAD NO. BRIDGE NO.

COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-1 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 58+50.00 TO STA 69+50.00

DRAWING NO. 11332 SHEET NO. SC-4 TOTAL 80



	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER No. 70950 Exp.6/30/27 CIVIL STATE OF CALIFORNIA

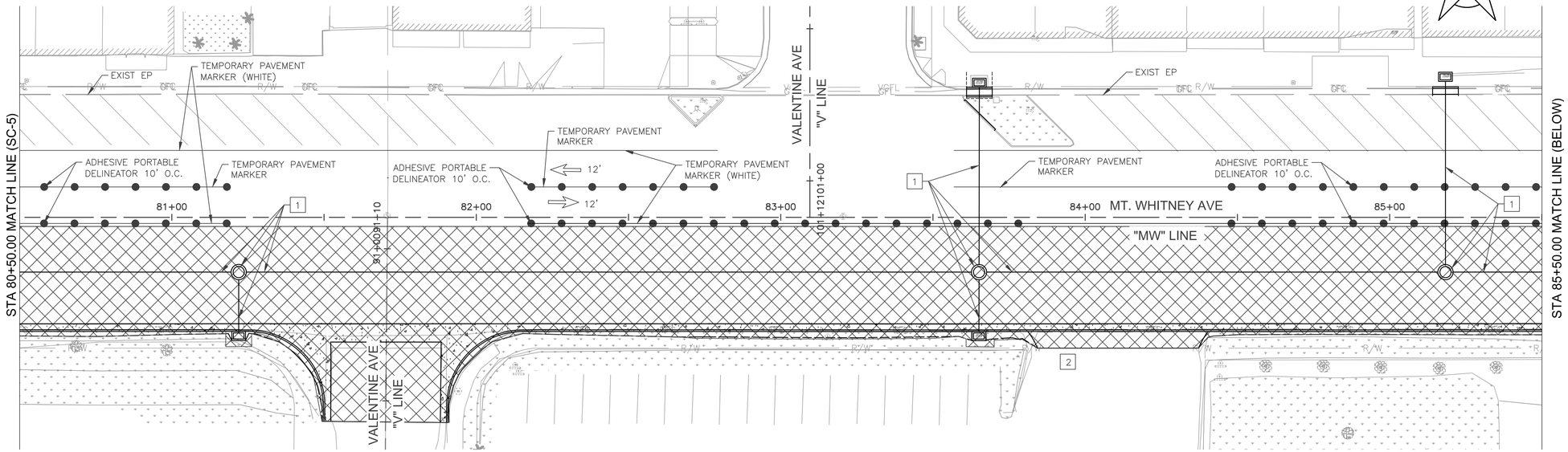
PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

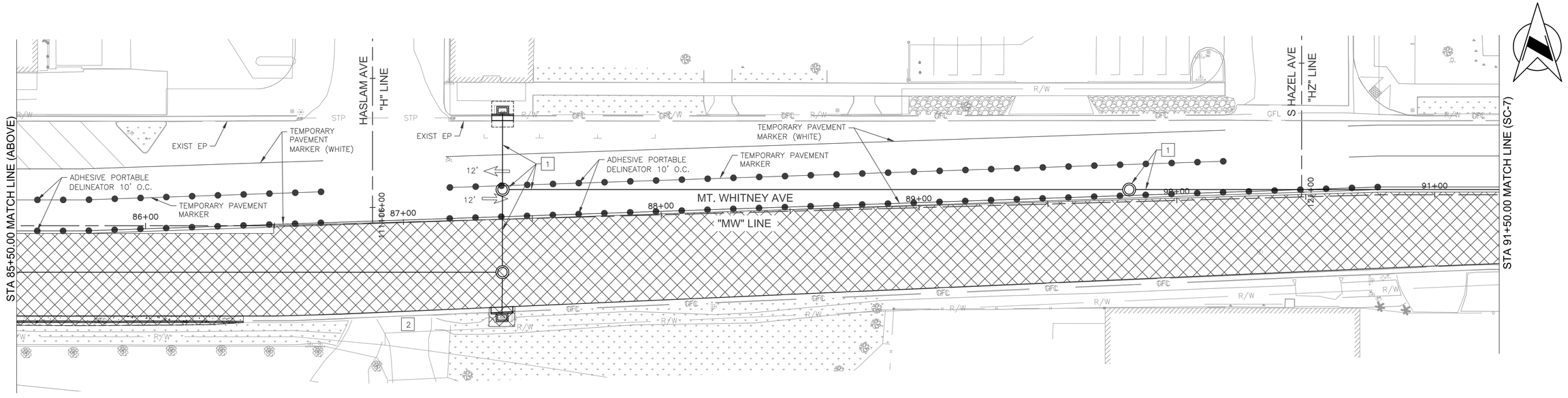
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-1 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 69+50.00 TO STA 80+50.00

DRAWING NO. 11332 SHEET NO. SC-5 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

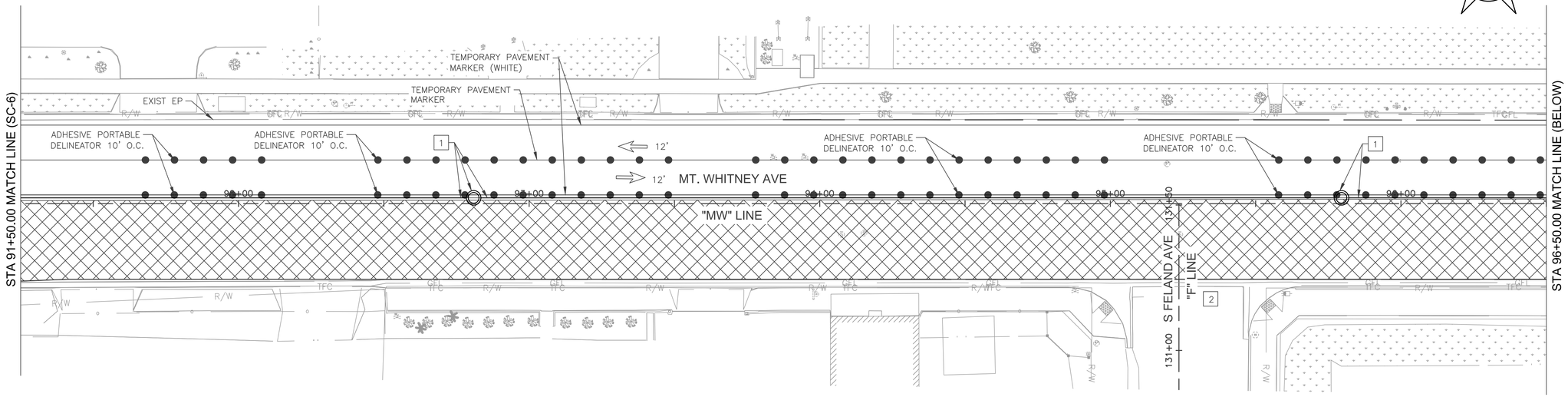
ROAD NO. BRIDGE NO.

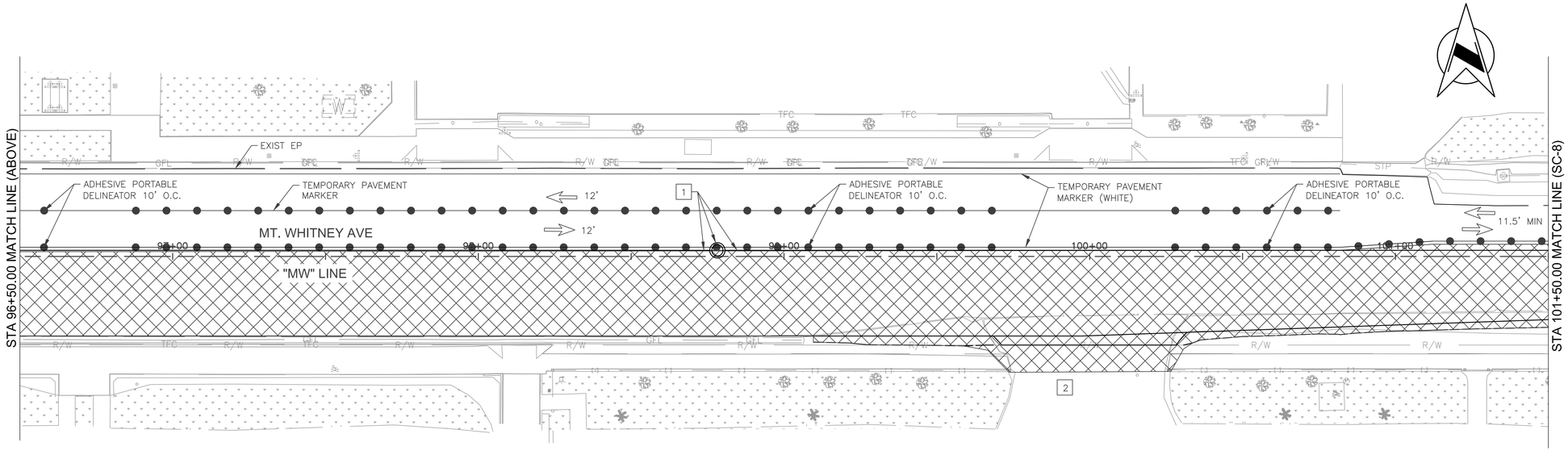
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-1 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 80+50.00 TO STA 91+50.00

DRAWING NO. 11332 SHEET NO. SC-6 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

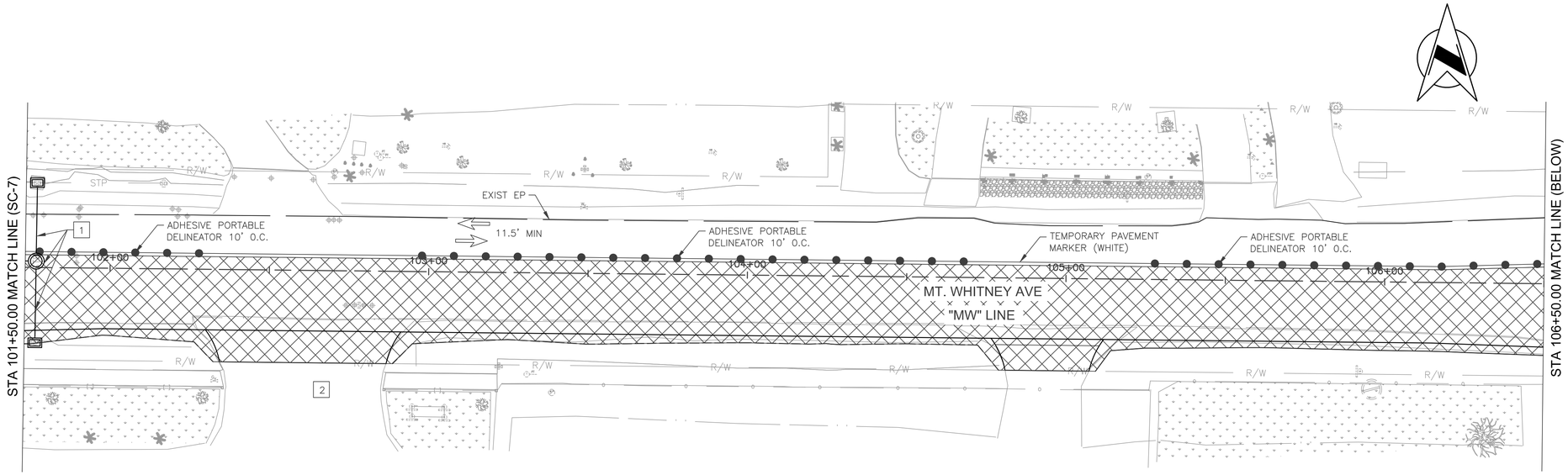
ROAD NO. BRIDGE NO.

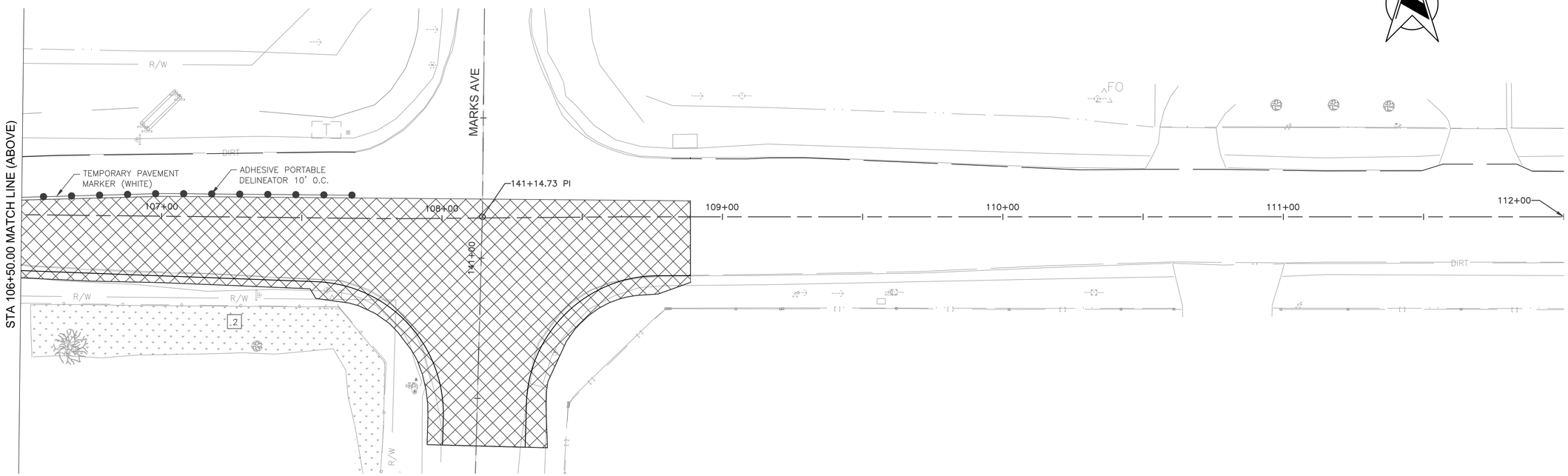
COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-1 AND TRAFFIC HANDLING
MT. WHITNEY AVE
STA 91+50.00 TO STA 101+50.00

DRAWING NO. 11332 SHEET NO. SC-7 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING
STAGE CONSTRUCTION-1 AND TRAFFIC HANDLING
MT. WHITNEY AVE
STA 101+50.00 TO STA 112+00.00

DRAWING NO. 11332 SHEET NO. SC-8 TOTAL 80

NOTES:

1. MAINTAIN BUSINESS, RESIDENTIAL & MINOR ROAD ACCESS AT ALL TIMES.
2. PRESERVE PEDESTRIAN ACCESS AT ALL TIMES.
3. FOR DRAINAGE IMPROVEMENTS OUTSIDE SIDEWALK CONSTRUCTION, CONTRACTOR TO PROVIDE ONE LANE TRAFFIC CONTROL AS NEEDED DURING WORK HOURS AND TWO LANES OF TRAVEL DURING NON WORK HOURS.
4. TEMPORARY PAVEMENT MARKER TO BE YELLOW UNLESS OTHERWISE SHOWN.
5. WHEN REDUCING MT. WHITNEY TO 1 LANE REFER TO CALTRANS STANDARD PLAN T13 FOR LANE CLOSURES.

LEGEND:

WORK AREA

ADHESIVE PORTABLE DELINEATOR (10' O.C.)

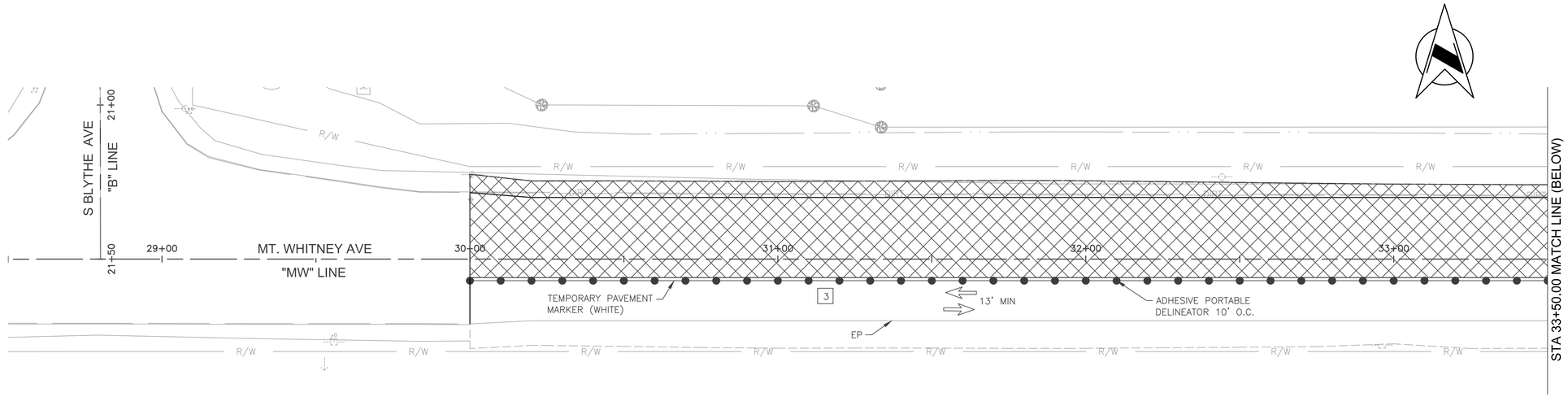
DIRECTION OF TRAVEL

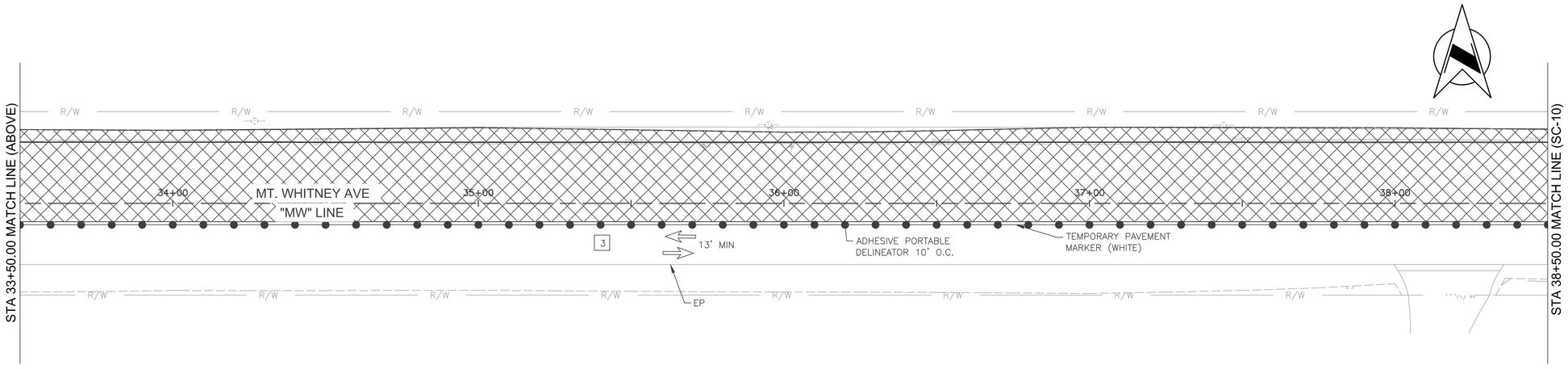
CONSTRUCTION NOTES:

1 CONTRACTOR TO INSTALL STORM DRAIN AND WATER MAIN AT FELAND AVE FIRST. COORDINATE WITH RESIDENT ENGINEER FOR TRAFFIC HANDLING DURING STORM DRAIN CONSTRUCTION.

2 STAGE 1 WORK AREA FOR FDR LIMITS OF WORK TO CONSTRUCT SOUTH SIDE OF MT WHITNEY AVE

3 STAGE 2 WORK AREA FOR FDR LIMITS OF WORK TO CONSTRUCT NORTH SIDE OF MT WHITNEY AVE





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

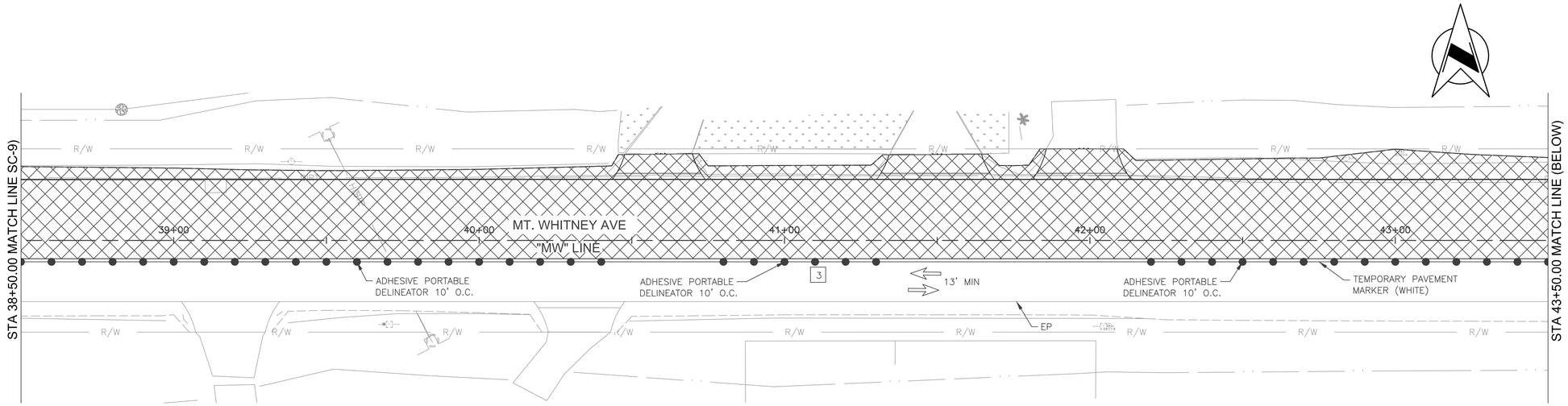
Dewberry

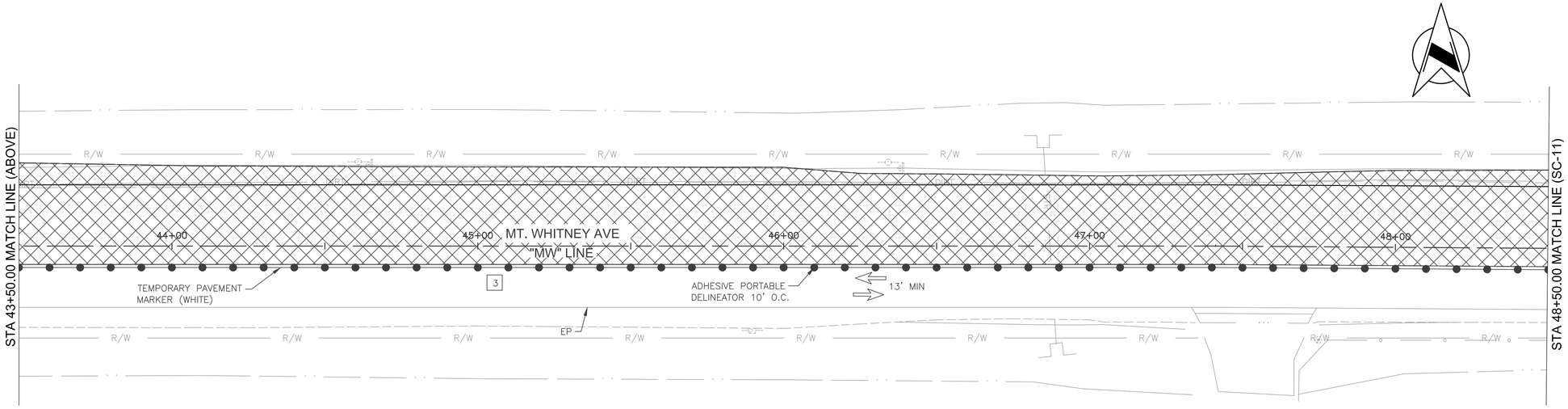
REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS
ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING
STAGE CONSTRUCTION-2 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 28+50.00 TO STA 38+50.00
DRAWING NO. 11332 SHEET NO. SC-9 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD
RECONSTRUCTION AND
SHOULDER IMPROVEMENTS

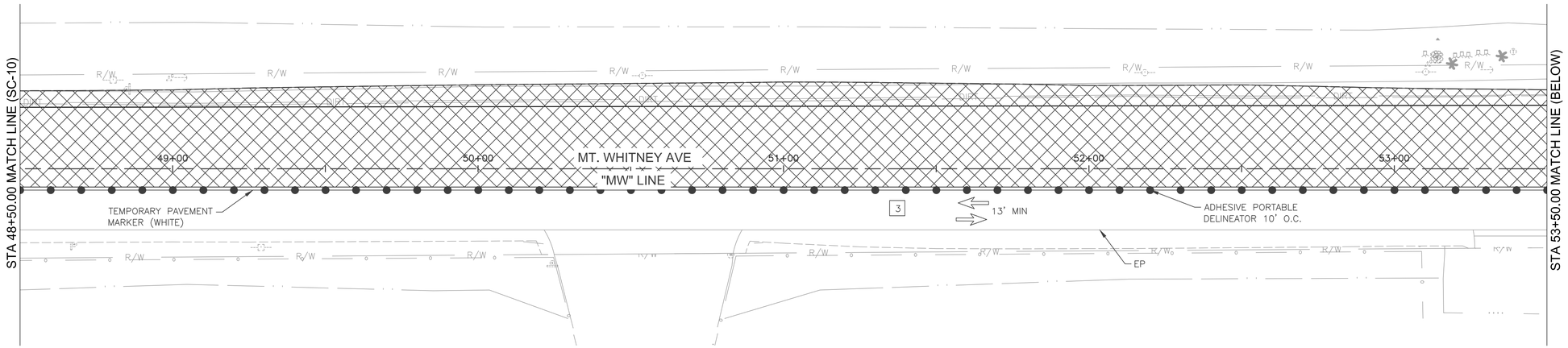
ROAD NO. BRIDGE NO.

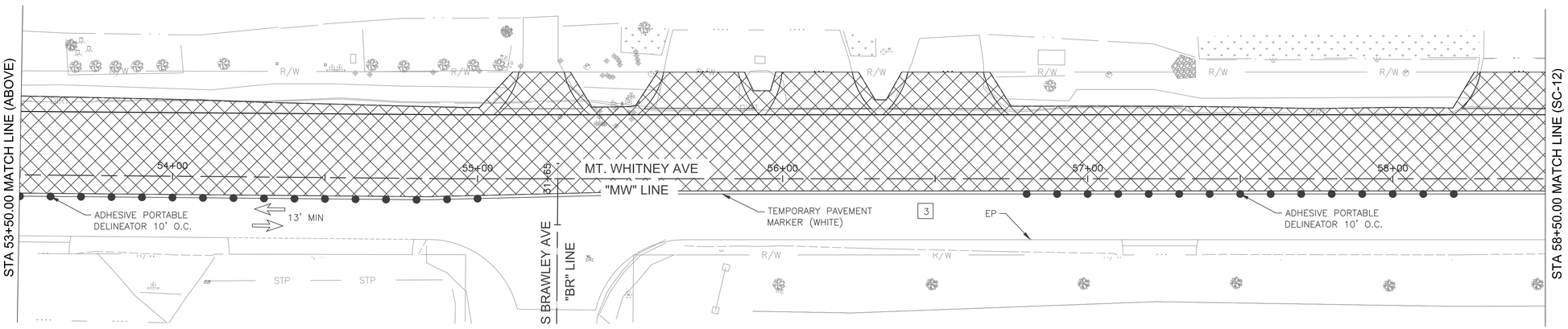
THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-2 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 38+50.00 TO STA 48+50.00

DRAWING NO. 11332 SHEET NO. SC-10 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

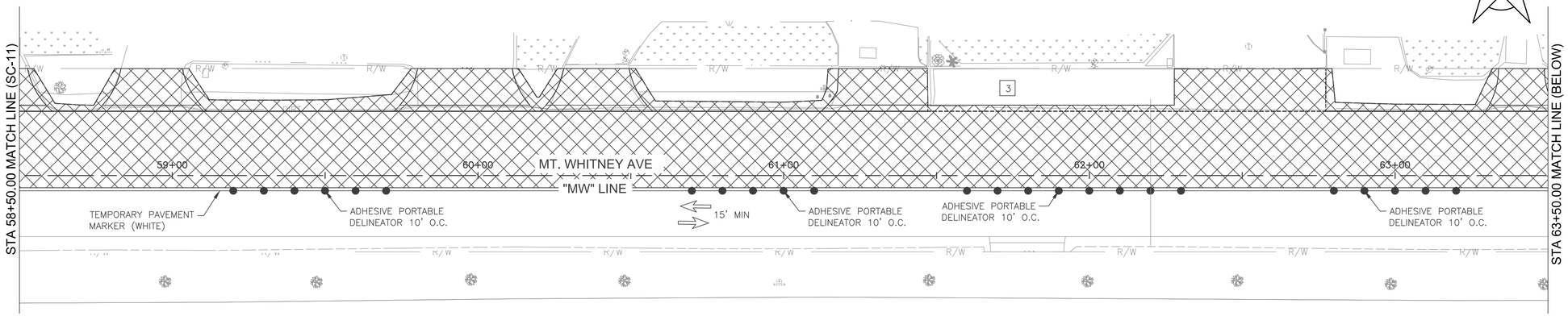
ROAD NO. BRIDGE NO.

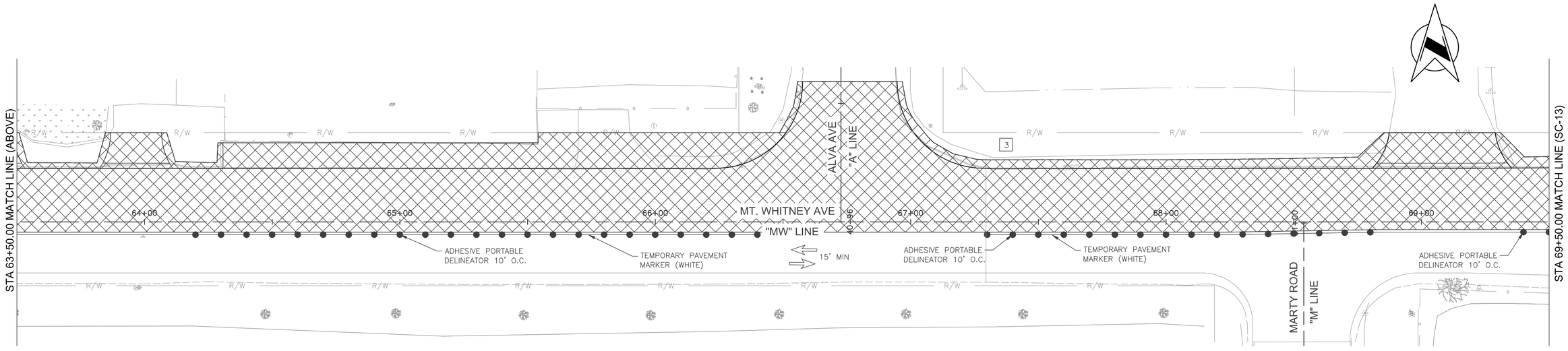
COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-2 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 48+50.00 TO STA 58+50.00

DRAWING NO. 11332 SHEET NO. SC-11 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

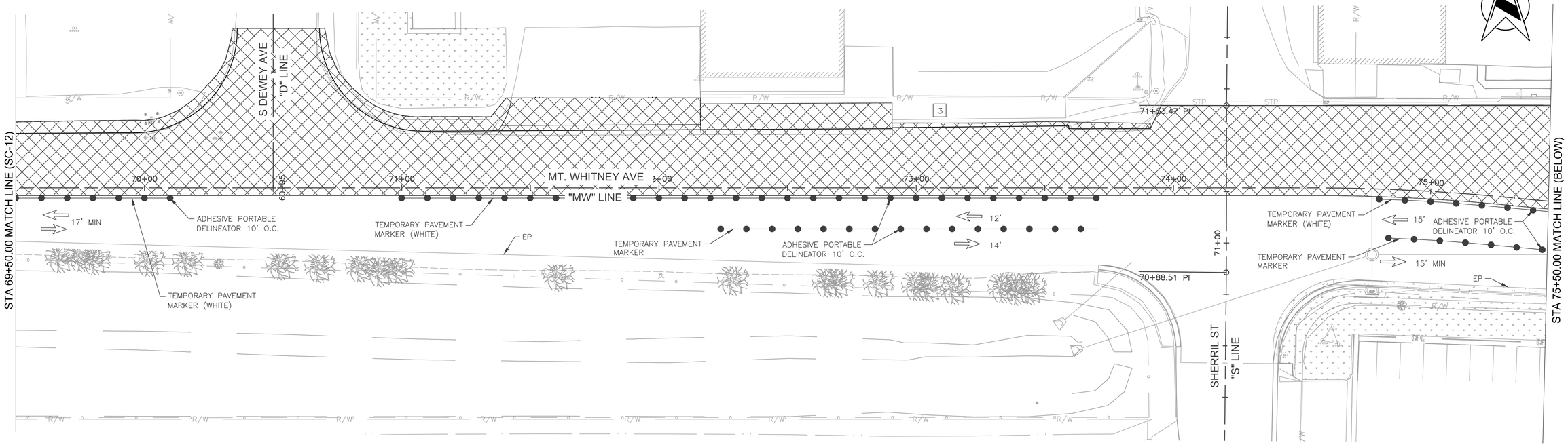
ROAD NO. BRIDGE NO.

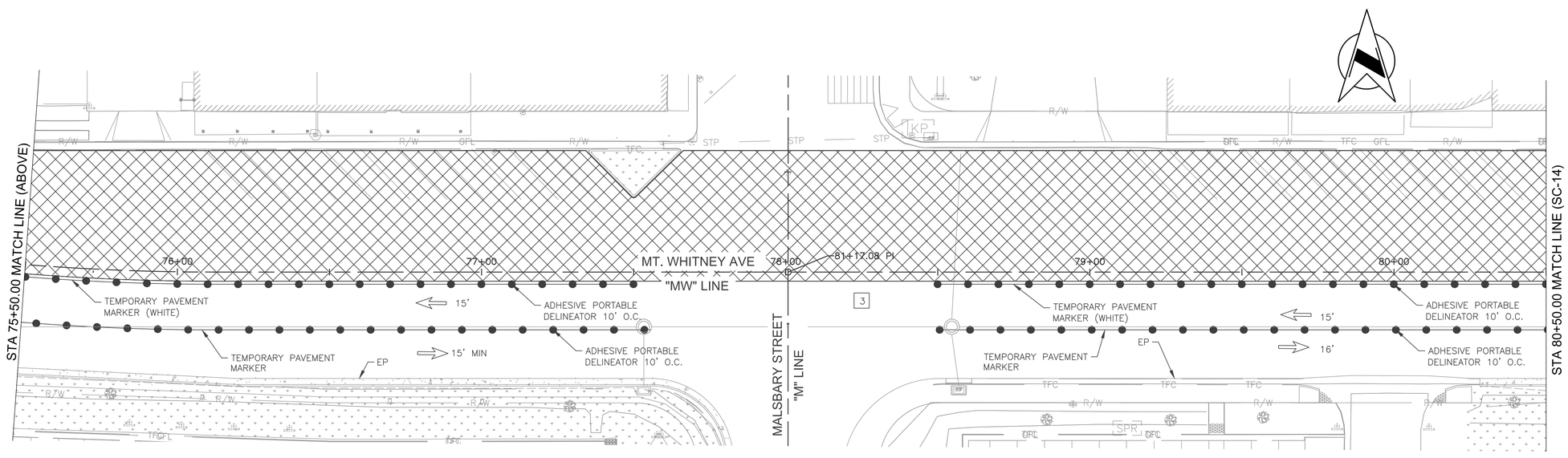
THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-2 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 58+50.00 TO STA 69+50.00

DRAWING NO. 11332 SHEET NO. SC-12 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

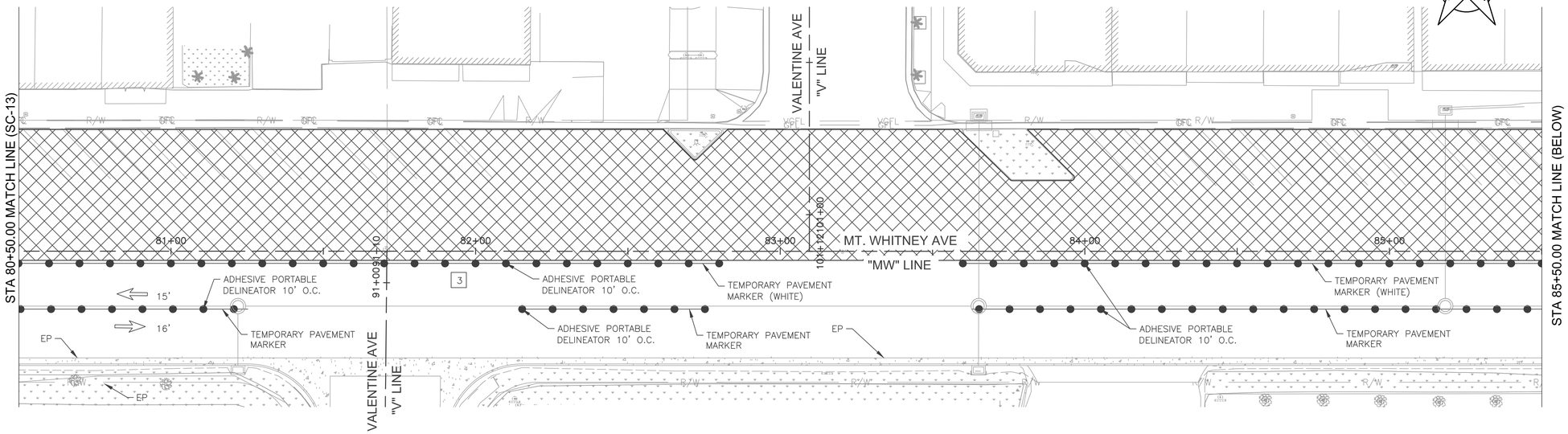
PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

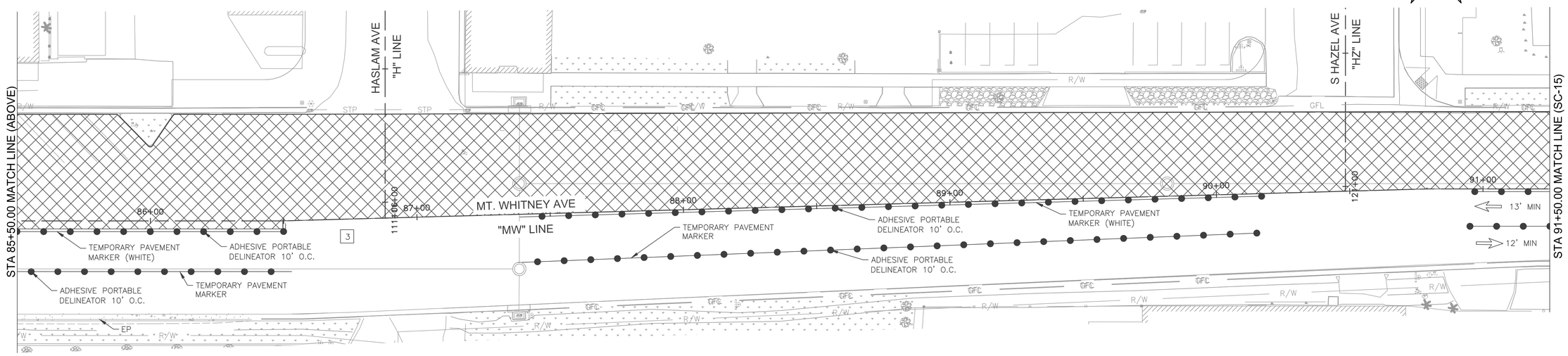
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-2 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 69+50.00 TO STA 80+50.00

DRAWING NO. 11332 SHEET NO. SC-13 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

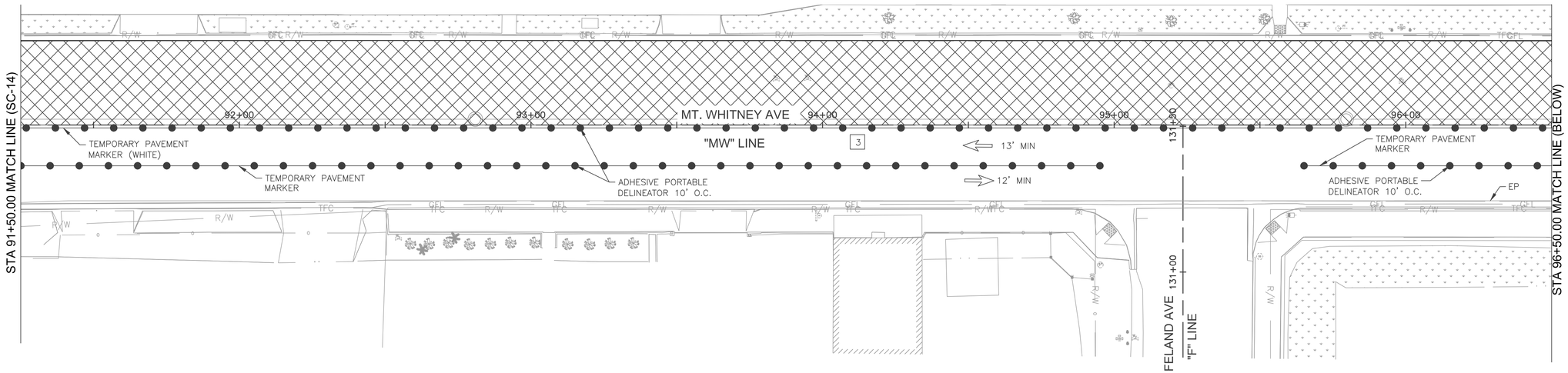
PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

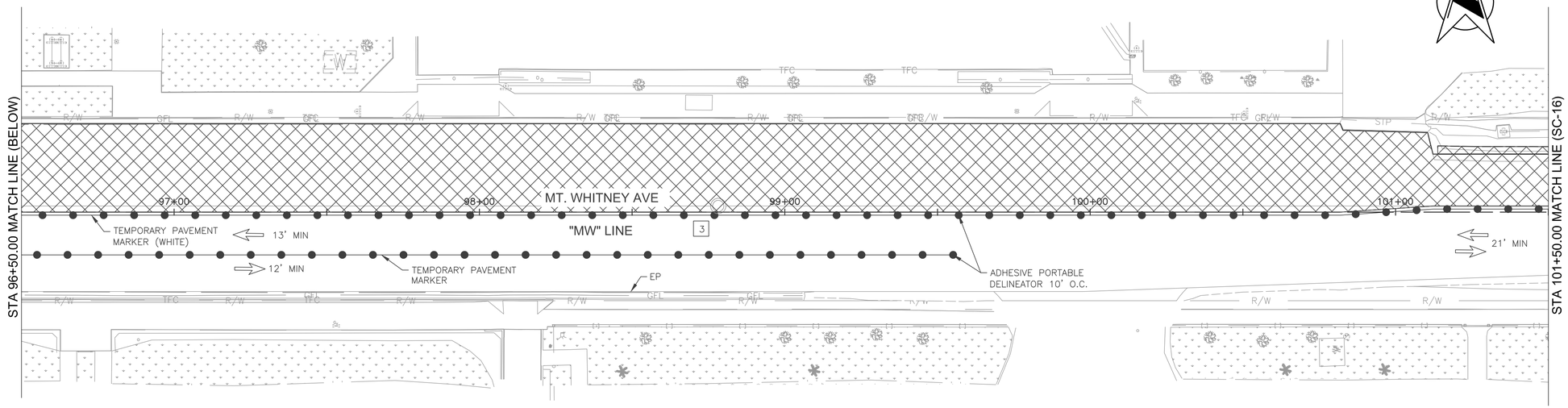
THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-2 AND TRAFFIC HANDLING
MT. WHITNEY AVE STA 80+50.00 TO STA 91+50.00

DRAWING NO. 11332 SHEET NO. SC-14 TOTAL 80





	DATE	RECORD DRAWING	
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE
DRAWN: E. BARCO			
CHECKED: G. GROSS			

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

SCALE

HORIZ 0 20' 40'

VERT 0 5' 10'

Dewberry

REGISTERED PROFESSIONAL ENGINEER
No. 70950
Exp.6/30/27
CIVIL
STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

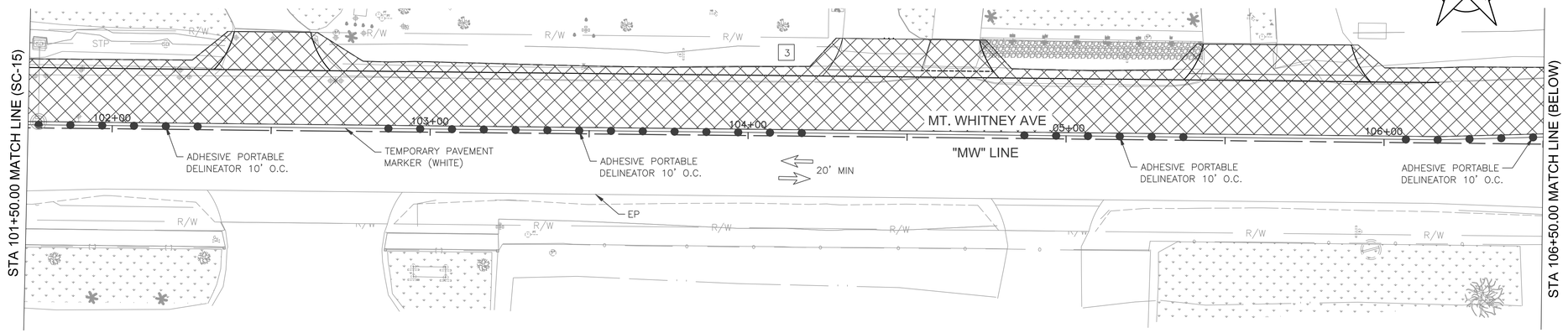
ROAD NO. BRIDGE NO.

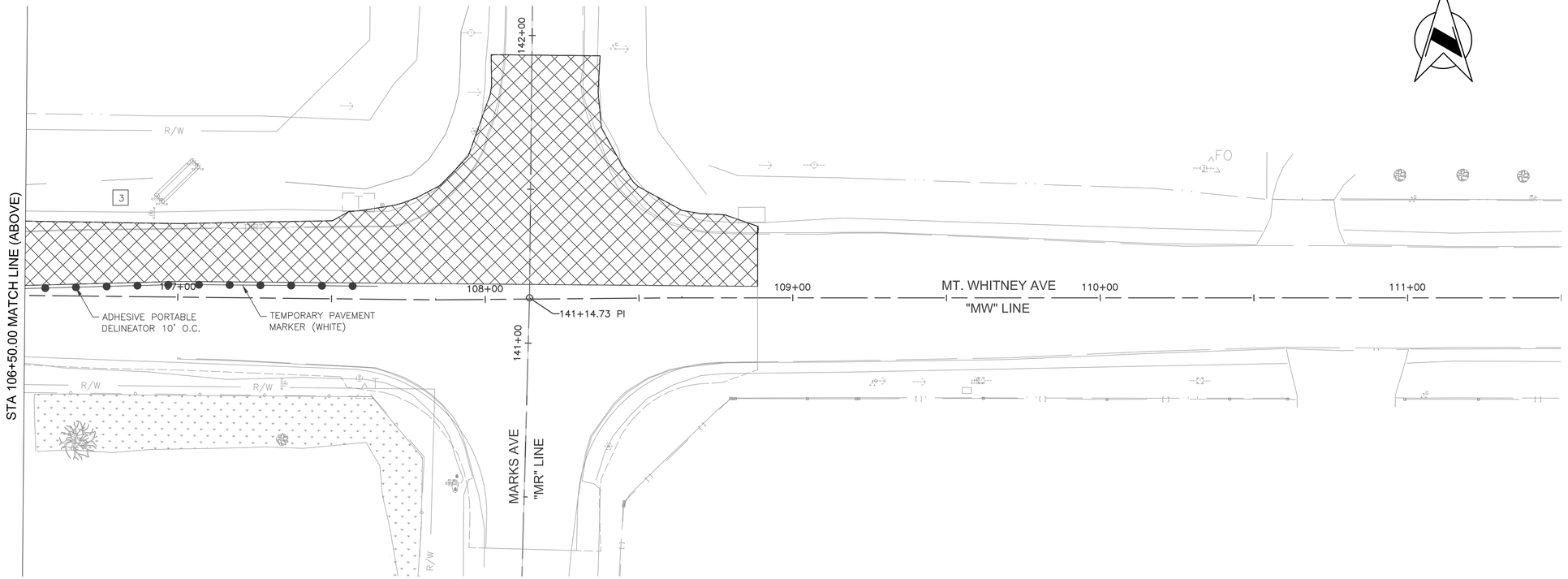
THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-2 AND TRAFFIC HANDLING
MT. WHITNEY AVE
STA 91+50.00 TO STA 101+50.00

DRAWING NO. 11332 SHEET NO. SC-15 TOTAL 80





	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	HORIZ 0 20' 40'
DRAWN: E. BARCO				VERT 0 5' 10'
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT	
MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS	
ROAD NO.	BRIDGE NO.

THE COUNTY OF FRESNO 1856

DEPARTMENT OF PUBLIC WORKS AND PLANNING

STAGE CONSTRUCTION-2 AND TRAFFIC HANDLING
MT. WHITNEY AVE
STA 101+50.00 TO STA 111+50.00

DRAWING NO. 11332 SHEET NO. SC-16 TOTAL 80

NOTES:

1. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
2. ALL CONSTRUCTION AREA SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE 2014 CALIFORNIA MUTCD AND THE 2015 CALTRANS STANDARD PLANS.

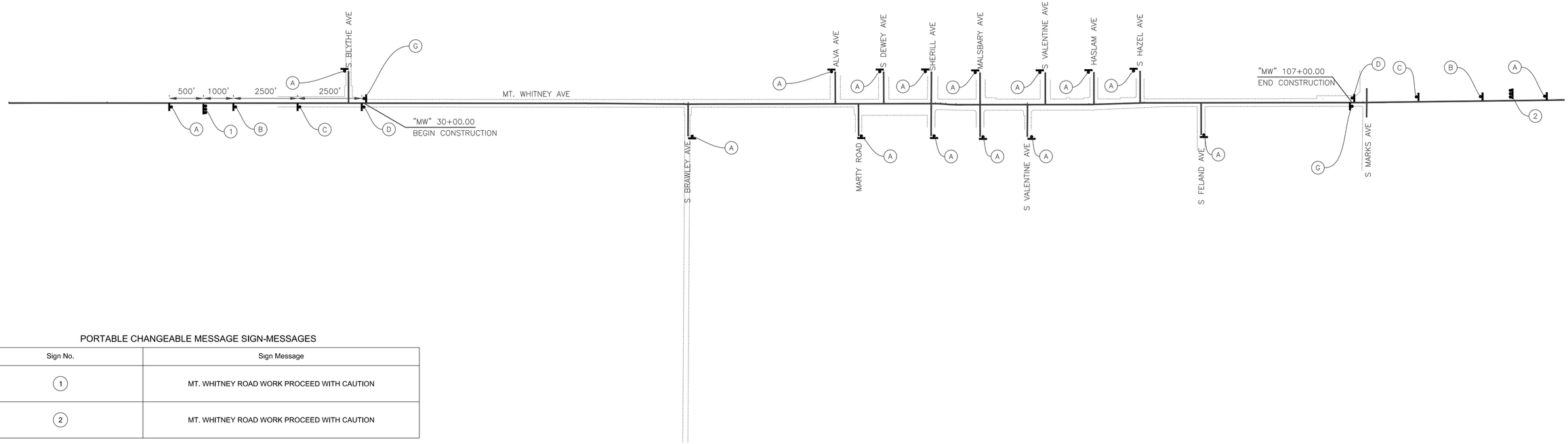
LEGEND:

CONSTRUCTION AREA SIGN

PORTABLE CHANGEABLE MESSAGE SIGN (SEE MESSAGE TABLE)

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

Sign No.	Sign Code	Panel Size	No. of Signs	Sign Message
(A)	W20-1	36" x 36"	6	ROAD WORK AHEAD
(B)	W3-5	36" x 36"	5	SPEED LIMIT 40 MPH
(C)	W3-5	36" x 36"	5	SPEED LIMIT 30 MPH
(D)	W3-5	36" x 36"	5	SPEED LIMIT 20 MPH
(E)	W20-4	36" x 36"	2	ONE LANE ROAD AHEAD
(F)	W3-4	36" x 36"	1	BE PREPARED TO STOP
(G)	G20-2	36" x 18"	6	END ROAD WORK



PORTABLE CHANGEABLE MESSAGE SIGN-MESSAGES

Sign No.	Sign Message
(1)	MT. WHITNEY ROAD WORK PROCEED WITH CAUTION
(2)	MT. WHITNEY ROAD WORK PROCEED WITH CAUTION

	DATE	RECORD DRAWING		SCALE
DESIGNED: E. BARCO		RESIDENT ENGINEER	DATE	1" = 400'
DRAWN: E. BARCO				
CHECKED: G. GROSS				

FOR RIGHT OF WAY DATA AND ACCURATE ACCESS DETERMINATION, SEE DOCUMENTS IN THE DEPARTMENT OF PUBLIC WORKS AND PLANNING.

Dewberry

REGISTERED PROFESSIONAL ENGINEER — No. 70950 Exp.6/30/27 — CIVIL — STATE OF CALIFORNIA

PROJECT

MT. WHITNEY AVENUE ROAD RECONSTRUCTION AND SHOULDER IMPROVEMENTS

ROAD NO. BRIDGE NO.

THE COUNTY OF FRESNO

DEPARTMENT OF PUBLIC WORKS AND PLANNING

CONSTRUCTION AREA SIGNS

DRAWING NO. 11332 SHEET NO. CAS-1 TOTAL 80