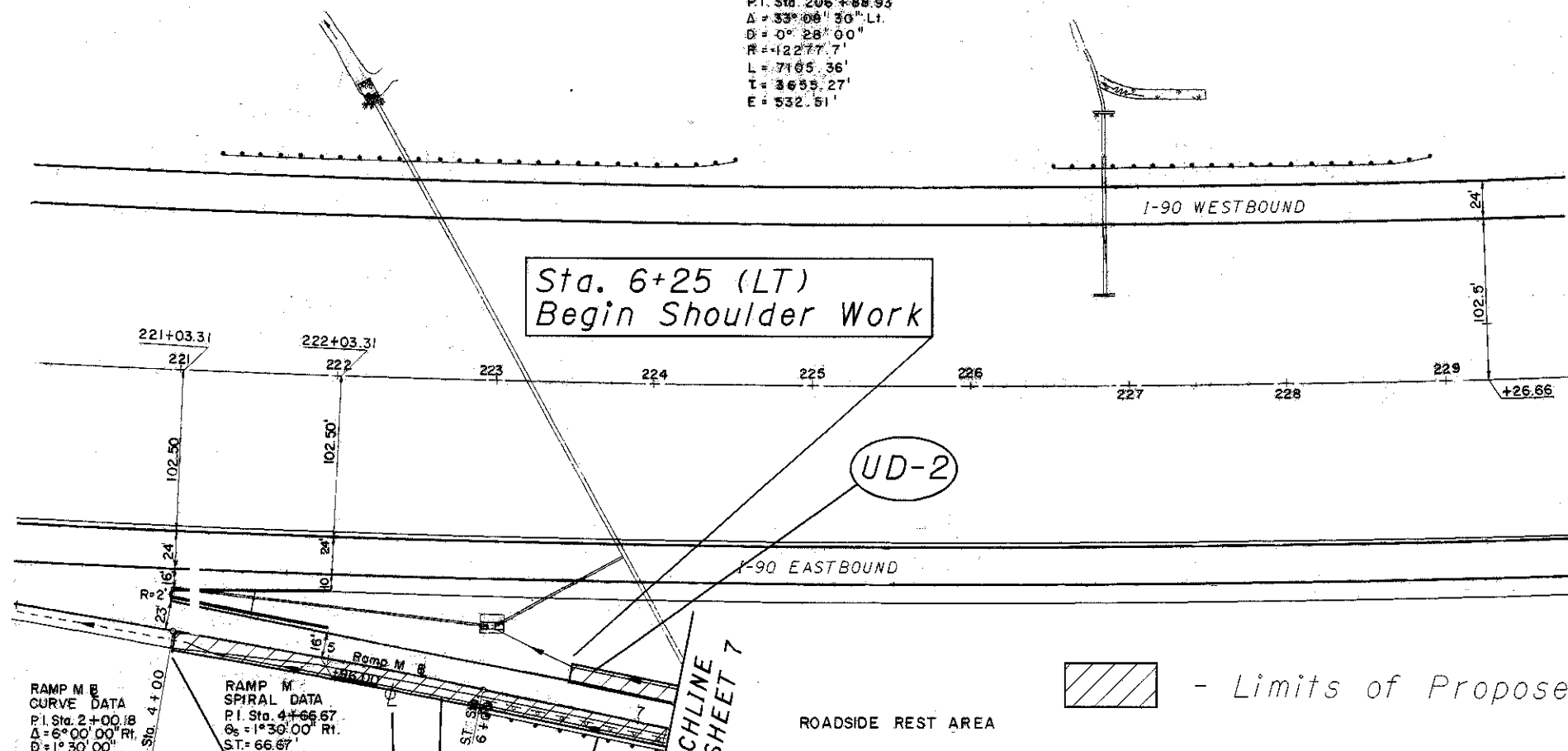


CURVE DATA
 P.I. Sta. 206+88.93
 Δ = 33° 06' 30" Lt.
 D = 0° 28' 00"
 R = 42277.7'
 L = 7105.36'
 T = 3685.27'
 E = 532.51'

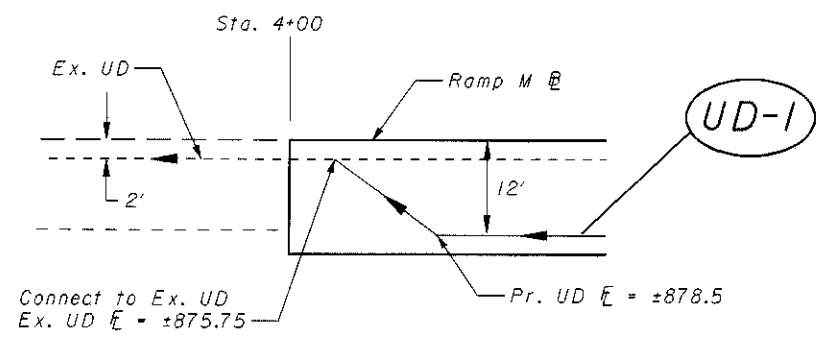


RAMP M E CURVE DATA
 P.I. Sta. 2+00.18
 Δ = 6° 00' 00" Rt.
 D = 1° 30' 00"
 R = 3919.72'
 L = 400.00'
 T = 200.18'

RAMP M SPIRAL DATA
 P.I. Sta. 4+66.67
 Δ = 1° 30' 00" Rt.
 ST = 66.67'
 LT = 133.34'
 L = 200.00'

Sta. 4+00 (RT)
Begin Shoulder Work

Sta. 5+40 (10.5' RT)
Existing Light Pole
Do Not Disturb



UD-1 OUTLET DETAIL
 CONNECT TO EX. UD AT STA. 4+00

REF. #	LOCATION	SIDE	UNDERDRAIN QUANTITIES	
			LIN FT	LIN. FT.
UD-1	RAMP M	8+00 RT	400	
UD-2		12+28 LT	603	
UD-3		12+28 RT	428	
UD-4	RAMP N	8+00 RT	800	
UD-5	RAMP O	11+00 LT	625	25
UD-6		11+00 RT	250	
UD-7	RAMP P	5+50 LT	400	150
UD-8		4+00 RT	300	100
TOTALS			3806	275

REF. #	LOCATION	SIDE	LENGTH	ITEMS															
				GUARDRAIL REMOVED LIN FT	CURB REMOVED LIN FT	EXCAVATION CU YD	PAVEMENT PLANING, BITUMINOUS SQ YD	6" AGGREGATE BASE CU YD	TACK COAT (0.10 GAL/SY) GAL	1 1/2" ASPHALT SURFACE COURSE, TYPE 1, PG64-28 CU YD	9" REINFORCED CONCRETE PAVEMENT SQ YD	GUARDRAIL, TYPE 5 LIN FT	ANCHOR ASSEMBLY, TYPE A EACH	ANCHOR ASSEMBLY, TYPE T EACH	ANCHOR ASSEMBLY, TYPE E EACH				
	RAMP M																		
	4+00	12+28	RT	828															
	6+25	12+28	LT	603		25	480		192			1104							
	4+00	12+28		828							147.3	61.4							
GR-1	6+00	9+50	RT	350	350									287.5					
	RAMP N																		
	0+00	8+00	RT	800				463	186			1067							
	0+00	8+00		800						142.3	59.3								
GR-2	0+00	3+00	LT	300	300									262.5					
GR-3	0+50	5+00	RT	450	450									412.5					
	RAMP O																		
	4+50	11+27	LT	677				392	157			903							
	6+75	11+27	RT	452				262	105			603							
	4+50	11+27		677						120.4	50.2								
GR-4	4+00	8+50	LT	450	450									425					
	RAMP P																		
	0+00	5+50	LT	550					319	128		734							
	0+00	4+00	RT	400		25			232	93		534							
	0+00	5+50		550						97.8	40.8								
GR-5	4+00	5+75	LT	175	175									162.5					
TOTALS					1725	50	2497	5077	1001	484	212	5749	1550	3	4				

EASTBOUND REST AREA / QUANTITIES

LAK-90-11.90