

NO.	DATE	REVISIONS
SUMMER IN PARKWAY TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS / PHASE 3		

TITLE	SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3	PREPARED FOR		CITY OF LAS VEGAS	DESIGNED BY: F.J.G	BID# 17.67056	1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146 P: 702.844.2000 F: 702.844.2001 www.gowengineering.com	NO.	DATE	REVISIONS
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COVER SHEET		SUBMITTAL STAGE: FINAL		DRAWN BY: TJC		CHECKED BY: JBC				
SHEET		G-1		1 OF 95		DRAWING NO. 107/6438-3				

CITY OF LAS VEGAS GENERAL NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE; THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA NEVADA", LATEST REVISED EDITION; THE "SUMMERLIN IMPROVEMENT STANDARDS" FOR WORK IN THE SUMMERLIN AREA; AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY; THE UNIFORM BUILDING CODE; AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".
2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES AS SHOWN FROM CLV PLANS LIBRARY ARE APPROXIMATE AND FOR RECORD PURPOSES. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCE WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTORS OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER OR OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS; ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
5. TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGN UP TO BE APPROVED BY THE QUALITY CONTROL DIVISION, PRIOR TO THE USE ON THE PROJECT.
6. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
8. AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS.
9. CURB AND GUTTER WITH A GRADE OF LESS THAN FOUR-TENTHS OF ONE PERCENT SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTER UNLESS WRITTEN APPROVAL IS GRANTED BY THE AFFECTED UTILITY COMPANY AND THE CITY ENGINEER.
10. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER USD 235; CASE I. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY PROJECT REPRESENTATIVE.
11. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS, OR AS DESIGNATED IN THE FIELD BY CITY PROJECT REPRESENTATIVE.
12. EXACT LOCATION OF ALL SAWCUT LINES MAY BE DETERMINED IN THE FIELD BY A CITY PROJECT REPRESENTATIVE IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATIONS.
13. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED, AND SHALL BE DONE ONLY BY A NEVADA PROFESSIONAL LAND SURVEYOR IN ACCORDANCE WITH THE UNIFORM STANDARD DRAWINGS - CLARK COUNTY AREA. A RECORD-OF-SURVEY FOR REPLACEMENT OF PERMANENT SURVEY MONUMENTS SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL PRIOR TO RECORDING. THE RECORD-OF-SURVEY SHALL BE PREPARED IN ACCORDANCE WITH NEVADA REVISED STATUTES 625.350.
14. UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC., SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTER UNLESS WRITTEN APPROVAL IS GRANTED BY THE AFFECTED UTILITY COMPANY AND THE CITY ENGINEER.
15. ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN ON CIVIL PLANS FOR THE PURPOSE OF REVIEWING GRADING RELATIONSHIPS; FLOOD CONTROL AND SIGHT DISTANCE AT INTERSECTIONS. NEW WALLS REQUIRE A SEPARATE PERMIT AND INSPECTION BY THE CLV BUILDING DEPARTMENT.
16. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHTS OF WAY.
17. CONTRACTOR SHALL ADJUST ALL NEW AND EXISTING INLETS, VALVE BOXES, MANHOLE RIMS, SEWER CLEANOUTS, ETC. TO FINISH GRADE AS APPLICABLE WHETHER OR NOT THEY ARE SHOWN ON THE PLANS.
18. MATERIALS, HANDLING AND PLACEMENT OF PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH APPLICABLE SECTIONS OF NDOT AND CLARK COUNTY AREA SPECIFICATIONS (AS APPLICABLE) AND THE PLANS AND DETAILS SHOWN HEREON.
19. WHEN INSTALLING UNDERGROUND FACILITIES THAT REQUIRE UNDERGROUND LOCATING DEVICES SUCH AS MARKER BALLS, LOCATING RIBBON, ETC, THE CONTRACTOR SHALL PROVIDE WRITTEN DOCUMENTATION TO THE ENGINEER CERTIFYING THAT ALL DEVICES HAVE BEEN PLACED AND VERIFIED TO BE IN GOOD WORKING CONDITION PRIOR TO THE CONSTRUCTION OF ANY ROAD BASE.
20. NEWLY INSTALLED AND EXISTING UTILITIES EXPOSED DURING CONSTRUCTION SHALL BE SURVEYED AND DOCUMENTED PER SECTION 622 OF THE SPECIAL PROVISIONS.
21. CCTV VIDEO INSPECTION IS REQUIRED FOR ALL SEWER AND STORM DRAINS. THE CCTV VIDEO INSPECTIONS NEED TO BE PERFORMED PER THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS LATEST ADDITION.
22. A SEPARATE BORING PERMIT IS REQUIRED FOR ALL BORING ACTIVITIES.

REVISED JULY 23, 2015 (CPM VERSION)

ABBREVIATIONS

@	AT	LED	LIGHT EMITTING DIODE
AC	ASPHALTIC CONCRETE	LP	LOW POINT
ACP	ASBESTOS CEMENT PIPE	LV3	LEVEL 3
AP	AUTHORIZATION TO ENTER PROPERTY	MA	MANHOLE
APPROX.	APPROXIMATE	MCP	MULTI-LAYER COMPOSITE PIPE
B/C, BC	BACK OF CURB	NTS	NOT TO SCALE
BCR	BACK OF CURB RADIUS	NVE	NO ENERGY
BM	BENCHMARK	OC	ON CENTER
BOT	BOTTOM	OHP	OVERHEAD POWER LINE
B.R.	BACK OF RAMP	PAR	PEDESTRIAN ACCESS ROUTE
CTR	CENTER	PB	POINT OF BEGINNING
CL	CENTERLINE	PBS	POINT OF BEGINNING SURFACE
CLV	CABLE TV	PC	POINT OF CURVE
COR	CONCRETE BARRIER RAIL	PCC	POINT OF COMPOUND CURVE
CC	CLARK COUNTY	PCC	POINT ON CURVE/POINT OF CONNECTION
CIPP	CURED-IN-PLACE PIPE	PH	POTHOLE
CLV	CITY OF LAS VEGAS	P.I.P.	PROTECT IN PLACE
CONC	CONCRETE	PBS	POINT OF BEGINNING
COND.	CONDUCTOR	PP	POWER POLE
CLSM	CONTROLLED LOW STRENGTH MATERIAL	PPB	PEDESTRIAN PUSH BUTTON(S)
C & G	CURB & GUTTER	PRC	POINT OF REVERSE CURVE
DG	DECOMPOSED GRANITE	PROGAW	PUBLIC ROW ACCESSIBILITY GUIDELINES
DI	DROP INLET	PT	POINT OF TANGENCY
DW	DRIVEWAY	R	RADIUS
DWG.	DRAWING	RP	RAMP
ECR	END OF CURB RETURN (AT B/C)	RT	RIGHT
ELEC.	ELECTRIC	R/W, R.O.W.	RIGHT OF WAY
ELEV.	ELEVATION	SCCP	STEEL CYLINDER CONCRETE PIPE
EOP, EP	EDGE OF PAVEMENT	SD	STORM DRAIN
EXIST., EX	EXISTING	SL	STREETLIGHT
EXCH	EXCHANGED OVERHEAD UTILITY	SF	SQUARE FOOT
FC	FACE OF CURB	SS	SANITARY SEWER
FD	FOUND	STA	STATION
FG	FINISHED GRADE	STD	STANDARD
FI	FEET	SY	SQUARE YARD
FT	FOOT/FEET	S/W	SIDEWALK
G	GAS	T	TELEPHONE LINE
GB	GAS BREAK	TC	TOP OF CURB
GR	GUARDRAIL	TCO	TOWN CENTER DRIVE
GV	GAS VALVE	TEL	TELEPHONE
GW	GWIR	TH	THICKNESS
HL	HINGE LINE	TRANS.	TRANSITION
HOV	HIGH OCCUPANCY VEHICLE	TRC	TOP OF RAMP CURB
HPS	HIGH PRESSURE SODIUM	TS	TRAFFIC SIGNAL
HTCB	HIGH TENSION CABLE BARRIER	TYP	TYPICAL
INT.	INTERSECTION	UNSS	UNIFORM STANDARD SPECIFICATIONS
IRR	IRRIGATION	V.C.	VERTICAL CURVE
L	LENGTH	WM	WHEEL CHAIR
LF	LINEAL FOOT, LINEAR FEET	WC	WATER METER
LT		WV	WATER VALVE
		W	WITH
		Δ	INCLUDED DELTA ANGLE

RTC NOTES

1. THE CONTRACTOR SHALL NOT BE ALLOWED TO CLOSE MORE THAN ONE CONSECUTIVE BUS STOP ON THE SAME SIDE OF THE STREET. TEMPORARY CLOSURES SHALL BE PWD (PERSONS WITH DISABILITY) ACCESSIBLE BEFORE ANY BUS STOP CAN BE CLOSED. THE CONTRACTOR SHALL NOTIFY CARL SCARBROUGH AT (702) 676-1938 OR ERIC TRASDAHL AT (702) 676-1033, AT LEAST SEVEN WORKING DAYS IN ADVANCE.
2. THE CONTRACTOR SHALL SUBMIT A BUS STOP CLOSURES SCHEDULE WITH THE TRAFFIC CONTROL PLAN. THE BUS STOP CLOSURE SCHEDULE SHALL IDENTIFY SPECIFIC DURATIONS AND TIMES OF THE DAY FOR ALL PROPOSED BUS STOP CLOSURES. BUS STOP CLOSURES ARE NOT TO EXCEED TWO CONSECUTIVE STOPS AT ONE TIME, OR MORE THAN 1,000 FEET AT A TIME. PERSONS WITH DISABILITIES SHALL HAVE ACCESS TO BUS STOPS. THE CONTRACTOR SHALL PROVIDE A 100 FOOT LONG BY 10 FEET WIDE GRAVELED TURN OUT AT TEMPORARY BUS STOPS.
3. THE CONTRACTOR IS TO MAINTAIN AND KEEP OPERATIONAL ALL EXISTING ITS INFRASTRUCTURE WITHIN THE CONSTRUCTION LIMITS. IF ANY EXISTING ITS INFRASTRUCTURE IS DAMAGED DUE TO CONSTRUCTION WITHIN THE PROJECT LIMITS THE CONTRACTOR IS TO IMMEDIATELY CONTACT MR. JESUS "CHUY" MARMOLEJO (RTC/FAST MANAGER TRAFFIC SYSTEMS MAINTENANCE) AT 702-604-7078 CELL OR AT 702-432-5303 GENERAL.
4. IF ANY EXISTING FIBER OPTIC CABLE IS TO BE CUT OR SPLICED, ALONG OR ADJACENT TO THE PROJECT LIMITS, THE CONTRACTOR IS TO CONTACT MR. JESUS "CHUY" MARMOLEJO TWO (2) WEEKS IN ADVANCE FOR SYSTEM SHUTDOWN COORDINATION.

REVISED FEBRUARY 14, 2013

BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICA DATUM OF 1983 (NAD83); SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.
DATUM (REFERENCE FRAME): NAD 1983 (2011) EPOCH 2010.0
ZONE: LAS VEGAS
STANDARD PARALLEL: AND GRID ORIGIN: 36°15'00" N
CENTRAL MERIDIAN: 114°58'00" W
FALSE NORTING: 200,000 METERS
FALSE EASTING: 100,000 METERS
STANDARD PARALLEL SCALE: 1.0001
LINEAR UNIT: US SURVEY FOOT (SFT)

CITY OF LAS VEGAS GRADING NOTES

1. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
3. CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION. ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
4. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.
5. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
6. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.
7. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
8. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, SUCH ITEM SHALL BE PROVIDED, AS DIRECTED BY THE CITY ENGINEER, AT NO EXPENSE TO THE CITY OF LAS VEGAS. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

REVISED APRIL 13, 2015 (CPM VERSION)

CITY OF LAS VEGAS TRAFFIC NOTES

1. ALL CONSTRUCTION SIGNING, BARRICADING, AND TRAFFIC DELINEATION SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST EDITION.
2. THE STREET SIGN CONTRACTOR SHALL OBTAIN STREET NAMES AND BLOCK NUMBERING FROM THE PLANNING DEPARTMENT PRIOR TO CONSTRUCTION.
3. BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL INSTALL TEMPORARY STOP SIGNS AT ALL NEW STREET ENCRoACHMENTS INTO EXISTING CITY STREETS WHERE WARRANTED IMMEDIATELY AFTER FIRST GRADING WORK IS ACCOMPLISHED, AND SHALL MAINTAIN SAID SIGNS UNTIL PERMANENT SIGNS ARE INSTALLED.
4. WHEN A DESIGNATED "SUGGESTED ROUTE TO SCHOOL" IS ENCRoACHED UPON BY A CONSTRUCTION WORK ZONE AND PUBLIC WORKS STAFF IDENTIFIES A NEED FOR STUDENTS TO BE ASSISTED IN THE SAFE CROSSING THROUGH THAT WORK ZONE, THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE A QUALIFIED "CROSSING GUARD". THE GUARD SHALL BE PRESENT FOR THE FULL DURATION OF TIME THAT CHILDREN ARE LIKELY TO BE PRESENT.
5. IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE CITY TRAFFIC ENGINEER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PERMANENT SIGNS SHOWN ON THE PLANS. ALL NEW TRAFFIC SIGNS SHALL UTILIZE TYPE XI RETROREFLECTIVE SHEETING IN ACCORDANCE WITH CALSS 627 AND 716 AND SHALL HAVE AN ANTI-GRAFFITI PROTECTIVE OVERLAY FILM THAT IS A MATCHING COMPONENT TO, AND OF THE SAME MANUFACTURER AS THE RETROREFLECTIVE SHEETING TO WHICH IT IS APPLIED. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CURRENT CITY STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT CITY STANDARDS.
7. WHEN A PROPOSED STREET LIGHT STANDARD IS LOCATED WITHIN FIVE (5) FEET OF ANY PROPOSED SIGN SHOWN ON THE PLANS TO BE MOUNTED ON A SIGNPOST, THE SIGN SHALL BE MOUNTED ON THE STREET LIGHT STANDARD AND THE SIGNPOST SHALL BE ELIMINATED.
8. ALL PERMANENT TRAFFIC CONTROL DEVICES CALLED FOR HEREON SHALL BE IN PLACE AND IN FINAL POSITION PRIOR TO ALLOWING ANY PUBLIC TRAFFIC ONTO THE PORTIONS OF THE ROAD(S) BEING IMPROVED HERE UNDER, REGARDLESS OF THE STATUS OF COMPLETION OF PAVING OR OTHER OFF-SITE IMPROVEMENTS CALLED FOR BY THESE PLANS.
9. STREET SIGNS AND STOP SIGNS SHALL BE INSTALLED PER CITY STANDARD SPECIFICATIONS FOR PLACEMENT OF STREET NAME SIGNS.
10. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROL DEVICES AND FLAGGERS TO INSURE THE SAFETY OF THE PUBLIC IN OR AROUND THE WORK AREA. THE CONTRACTOR SHALL HAVE A CERTIFIED ATSSA TRAFFIC CONTROL TECHNICIAN OR IMSA WORK ZONE SAFETY SPECIALIST SET UP, MAINTAIN AND/OR REMOVE ALL TRAFFIC CONTROL DEVICES IN THE CITY OF LAS VEGAS RIGHT OF WAY.
11. WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE EXPEDITED TO COMPLETION SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING RTC TRANSIT IF THE CONSTRUCTION INTERRUPTS OR RELOCATES A BUS STOP OR HAS AN ADVERSE EFFECT ON BUS SERVICE ON THAT STREET TO ARRANGE FOR TEMPORARY RELOCATION OF STOP.
13. GUARDS SHALL BE OBTAINED BY CONTACTING THE METROPOLITAN POLICE DEPARTMENT SPECIAL EVENTS UNIT (PHONE # 828-3442) WHO WILL PROVIDE OFFICERS PROPERLY TRAINED IN TRAFFIC CONTROL. FEES FOR THE USE OF THESE OFFICERS SHALL BE SET BY METRO AND WILL BE PAID BY THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR ALL ARRANGEMENTS WITH METRO.
14. ANY WORK WITHIN 300' OF A SIGNALIZED INTERSECTION WILL BE NIGHT WORK, UNLESS DIRECTED BY THE CITY OF LAS VEGAS TRAFFIC ENGINEER.
15. THE CONTRACTOR SHALL CONTACT THE TRAFFIC ENGINEERING DIVISION (TRANSPORTATION SECTION) THROUGH THE PROJECTS OFFSITE INSPECTOR PRIOR TO INITIATING PAVING TO RECEIVE DIRECTION FOR ANY PERMANENT OR TEMPORARY MODIFICATIONS TO THE APPROVED DRAWINGS REGARDING FINAL PAVEMENT TRANSITIONS, MARKINGS AND SIGNING THAT ARE REQUIRED TO MATCH ADJACENT ROADWAY SEGMENTS. THE CONTRACTOR SHALL PROVIDE A DRAWING FOR APPROVAL BY THE TRAFFIC ENGINEERING DIVISION DEPICTING ANY ADJUSTMENTS TO THE FINAL PAVEMENT MARKINGS AND SIGNAGE, WHICH MAY INCLUDE OMITTING, ADDING OR MODIFYING PAVEMENT MARKINGS AND TRAFFIC CONTROL SIGNS SUCH THAT ADEQUATE TRANSITIONS AND LANE TERMINATIONS BETWEEN ADJACENT ROADWAY SEGMENTS ARE CONSTRUCTED.

REVISED JULY 3, 2013

BENCHMARK

CITY OF LAS VEGAS VERTICAL CONTROL POINT "0LV09 254NW6", BEING RIVET & PLATE IN TOP OF CURB @ SE CORNER OF LAURELGLEN & FAR HILLS.
ELEVATION: 3013.46 (FEET) / 916.506 (METERS)
CITY OF LAS VEGAS VERTICAL CONTROL 2008 ADJUSTMENT (UPDATED 05/24/2010)
BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVOD88)

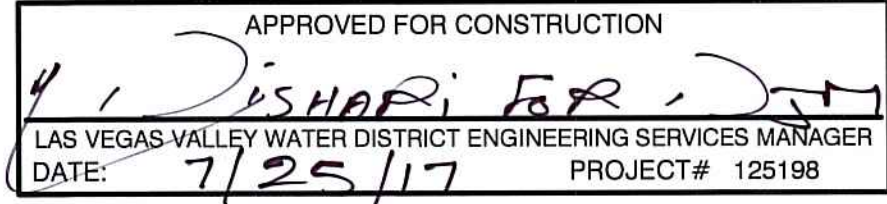
CITY OF LAS VEGAS SEWER NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS.
2. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS. ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY ENGINEER.
3. CHISEL "S" OR "O" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.
5. ALL MANHOLES PAVED IN STREETS EIGHTY (80) FOOT R/W AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN EIGHTY (80) FOOT R/W WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.
6. TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO TWELVE INCH (12") DIAMETER. CONNECTIONS TO FIFTEEN INCH (15") OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES. IN LINE "Y" S SHALL BE USED ON LINES TWELVE INCHES (12") OR ABOVE.
7. WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVVWD STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR THE SEWER IS LESS THAN EIGHTEEN INCH (18") UNDER A WATER MAIN.
8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF LAS VEGAS MUST BE STATE OF NEVADA CLASS "A" CONTRACTORS.
9. THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS AT ANY LOCATION. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAIRED OR REMOVED OR REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY OF LAS VEGAS.
10. INSTALLATION OF CURVED SEWERS REQUIRES THE USE OF C-900 PVC PIPE WHICH ALLOWS FOR PIPE DEFLECTION AT THE JOINTS.

REVISED JANUARY 13, 2015

LVVWD STANDARD NOTES

- LVVWD PROJECT # **125199**
1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. FOR FUTURE INSPECTIONS, NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO THE REQUESTED LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT# IDENTIFIED ABOVE.
2. ALL WORK SHALL CONFORM TO LVVWD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2010 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS), THE LATEST EDITION OF UDACS SHALL SUPERSEDE ANY CONFLICTS CONTAINED IN THE APPROVED DRAWINGS AND/OR SPECIFICATIONS.
3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENT, CLARK COUNTY AREA.
4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVWD.
5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
7. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
8. ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.22 OF THE 2010 EDITION OF THE UDACS.
9. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVWD DISTRIBUTION SYSTEM.
10. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CLOSET STORES. TELEPHONE 258-3152 OR 258-3852, TWO (2) WORKING DAYS PRIOR TO METER PICKUP.
11. ANY INTERRUPTION OF SERVICE MUST BE PERFORMED IN ACCORDANCE WITH UDACS SECTION 3.14.01, AND APPROVED BY THE LVVWD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.
12. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD PRE-APPROVED MATERIALS AND MANUFACTURERS LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
13. TELEPHONE "CALL BEFORE YOU DIG" AT "611" OR 1-800-227-2600
14. THE INSTALLATION OF LAS VEGAS VALLEY WATER DISTRICT (LVVWD) MUNICIPAL WATER FACILITIES WITHIN ALL STREETS IS ASSUMED TO BE IN COMPLIANCE WITH THE UNIFORM STANDARDS, INCLUDING THE PLACEMENT OF ASPHALT PAVING SURFACE. ANY REPAIR WORK DONE BY THE LVVWD TO THE MUNICIPAL FACILITIES WILL INCLUDE THE REPLACEMENT OF ANY APPROPRIATELY SIZED ASPHALT REPAIR PATCH ON THE STREET SURFACE.
- ANY DECORATIVE PAVING SURFACE WITHIN THE STREET IS THE RESPONSIBILITY OF THE OWNERS ASSOCIATION, OR THE INDIVIDUAL PROPERTY OWNERS IF NO OWNERS ASSOCIATION IS IN EXISTENCE, OR THE AGENCY HAVING JURISDICTION. DECORATIVE SURFACE MATERIALS PLACED WITHIN THE TEN FOOT EASEMENT ABUTTING A PUBLIC OR PRIVATE STREET, IF DISTURBED BY THE LVVWD DURING THE REPAIR OR OPERATION OF ITS FACILITIES, WILL BE REPLACED BY LVVWD WITH AN APPROPRIATELY SIZED PLAIN FINISH CONCRETE PATCH. THE LVVWD WILL NOT RESTORE, AND WILL NOT BE RESPONSIBLE FOR THE RESTORATION OF, ANY DECORATIVE PAVING SURFACE WITHIN THE STREET. THE LVVWD WILL NOT ATTEMPT TO MATCH COLOR OR FINISH OF ANY ADJACENT MATERIALS.
15. **NO LEAD COMPLIANCE NOTE:** TO COMPLY WITH THE FEDERAL SAFE DRINKING WATER ACT, FOR ALL WATER WORKS BRASS PRODUCTS PROPOSED TO BE RELOCATED, OR INSTALLED AS NEW, MUST BE INSTALLED WITH THE LEAD FREE APPROVED PRODUCT. THE OLD LEADED PRODUCT MAY NOT BE REUSED.



CITY OF LAS VEGAS STREET LIGHT NOTES

1. ALL STREET LIGHTING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE STREET LIGHTING PLANS, THE "UNIFORM STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST REVISION (USS), AND THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA" (USD), LATEST REVISION.
2. NO DEVIATION OF STREET LIGHT, PULL BOX, CONDUITS (ETC.) LOCATIONS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE TRAFFIC ENGINEER AND THE CITY ENGINEER. ANY DEVIATION FROM THE PLAN LOCATION WILL REQUIRE COMPLIANCE WITH SECTION 623 OF THE USS.
3. ALL EXISTING STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION IN ACCORDANCE WITH SECTION 623 G.03.01 OF THE USS.
4. ALL EMPTY CONDUIT SHALL HAVE AT LEAST ONE GREEN NO. #8 AWG WIRE INSTALLED AS TRACER WIRE IN ACCORDANCE WITH SECTION 623 G.02.01 OF THE USS PRIOR TO BACKFILLING AND FINAL INSPECTION.
5. ANY STRUCTURE SUCH AS BLOCK WALLS, CHAIN LINK FENCES, RETAINING WALLS, ETC., SHALL LEAVE A MINIMUM CLEARANCE IN COMPLIANCE WITH USD NO. 320A WHEN POLE IS INSTALLED BEHIND SIDEWALK, AND SHALL AT NO TIME COMPLETELY ENCLOSE THE STREET LIGHTING POLE.
6. AS-BUILT DRAWINGS SHALL BE SUPPLIED TO THE TRAFFIC ENGINEERING DIVISION PRIOR TO ANY PRE-FINAL INSPECTION. THE AS-BUILT DRAWING NEEDS TO BE STAMPED AS-BUILT AND SIGNED BY THE PREPARER.
7. SERVICE POINT SHALL BE COORDINATED WITH NV ENERGY, AND WHEREVER POSSIBLE, BE LOCATED NEAR THE CENTER OF THE CIRCUIT. SERVICE POINTS SHALL BE SHOWN ON THE PLANS.
8. THE CONTRACTOR SHALL FURNISH COMPLETE CONDUIT, WIRE, ETC. FROM SERVICE TO TRANSFORMERS AND CONTROL SYSTEMS IF REQUIRED ON THE PLANS OR IN THE SPECIAL PROVISIONS.
9. ALL STREET LIGHTING AND TRAFFIC SIGNAL EQUIPMENT REMOVED AND/OR DESIGNATED TO BE SALVAGED SHALL BE DELIVERED BY THE CONTRACTOR TO THE APPROPRIATE CLV SERVICE YARD WITH A MEANS TO UNLOAD. A MINIMUM 24-HOUR NOTICE OF DELIVERY IS REQUIRED. CALL (702)229-6531 TO SET UP DELIVERY TIME AND LOCATION. REPAIR OF ANY DAMAGE TO EQUIPMENT DURING THE PROCESS WILL BE THE CONTRACTORS RESPONSIBILITY, AT NO ADDITIONAL COST TO THE CITY.

REVISED JUNE 28, 2016 (CPM VERSION)

LEGEND

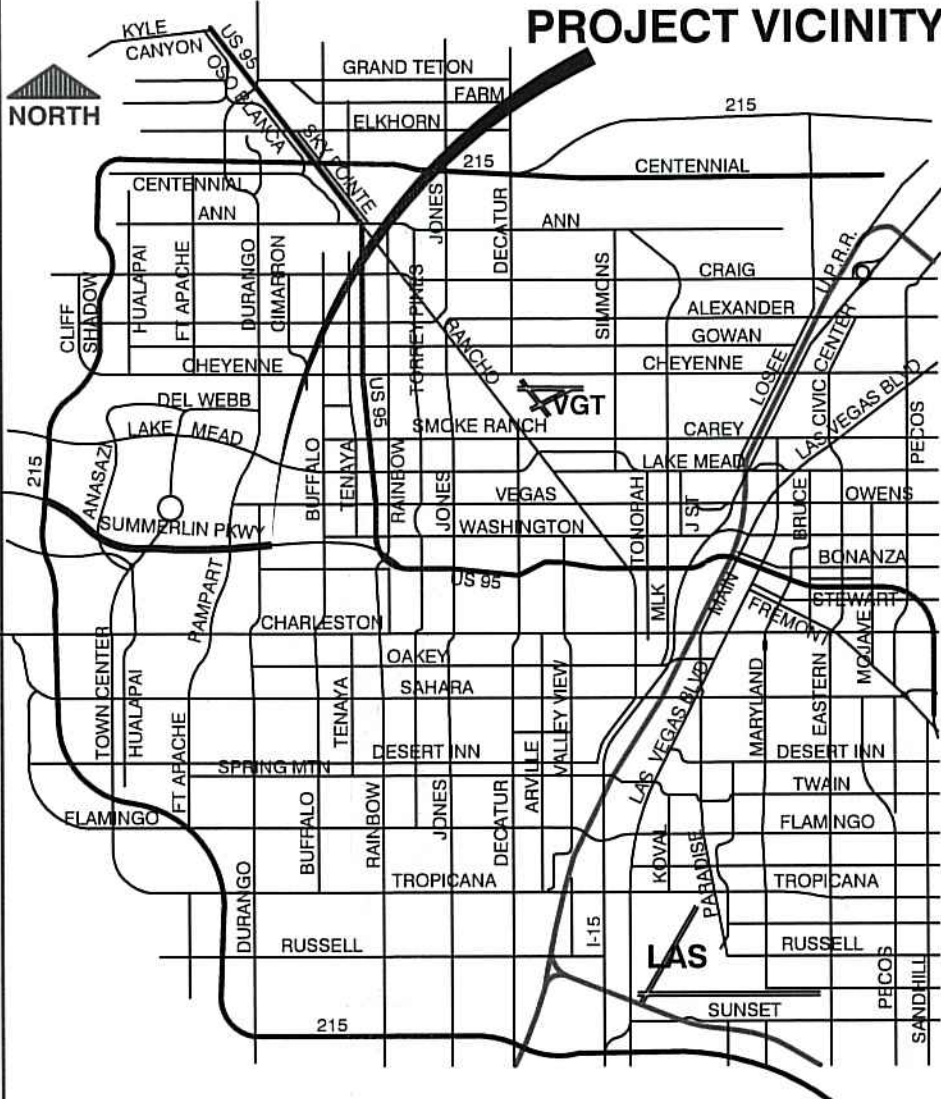
	AUTHORIZATION TO ENTER PROPERTY (AEP)		STORM DRAIN INLET
	HIGH TENSION CABLE BARRIER		STORM DRAIN MH
	CENTERLINE		STREET LIGHT
	FLOWLINE		STREET LIGHT PB
	PATCH / SAWCUT LINE		TELEPHONE PB
	PROPERTY LINE		TRAFFIC SIGNAL POLE
	RIGHT OF WAY LINE		TRAFFIC SIGNAL PB
	TYPE-A BARRIER RAIL		TY200 PULLBOX
	TYPE-D BARRIER RAIL		UTILITY POLE
	PROPOSED CONTOUR		UTILITY VALVE
	EXISTING CONTOUR		WATER VAULT/CABINET
	HINGE LINE		
	FILL LINE		
	CUT LINE		
	PROPOSED ITS		
	AREA LIGHT		
	BENCHMARK		
	ELEC. VAULT/CABINET		
	ELECTRIC MANHOLE		
	FOUND MONUMENT		
	IRR. CONTROLLER/ IRR. VALVE		
	LOOP DETECTOR		
	P30 PULLBOX		
	SANITARY SEWER MH		
	SIDEWALK RAMP		
	SIGN		

ALIGNMENT ABBREVIATIONS

"SP"	SUMMERLIN PARKWAY
"SWB"	SUMMERLIN PARKWAY WESTBOUND
"SEB"	SUMMERLIN PARKWAY EASTBOUND
"RA1"	ANASAZI DRIVE EASTBOUND OFF-RAMP
"RA2"	ANASAZI DRIVE EASTBOUND ON-RAMP
"RA2A"	ANASAZI DRIVE EASTBOUND ON-RAMP
"RA3"	ANASAZI DRIVE WESTBOUND OFF-RAMP
"RA4"	ANASAZI DRIVE WESTBOUND ON-RAMP
"SE"	TOWN CENTER DRIVE EASTBOUND ON-RAMP
"NE"	TOWN CENTER DRIVE WESTBOUND OFF-RAMP
"RR1"	RAMPART BOULEVARD WESTBOUND OFF-RAMP
"RR2"	RAMPART BOULEVARD WESTBOUND ON-RAMP
"RR3"	RAMPART BOULEVARD EASTBOUND OFF-RAMP
"RR4"	RAMPART BOULEVARD EASTBOUND ON-RAMP
"RD1"	DURANGO DRIVE WESTBOUND OFF-RAMP
"RD2"	DURANGO DRIVE EASTBOUND ON-RAMP

CALL BEFORE CONSTRUCTION

BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-8611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929



VICINITY MAP

NOT TO SCALE

PREPARED BY

CITY OF LAS VEGAS

HANSEN NO. 67056

BID# 17-67056

DESIGNED BY: FUG

DRAWN BY: TJC

CHECKED BY: JRT

DATE: 7/20/2017

SUBMITTAL STAGE: FINAL

PREPARED FOR

CITY OF LAS VEGAS

HANSEN NO. 67056

BID# 17-67056

DESIGNED BY: FUG

DRAWN BY: TJC

CHECKED BY: JRT

DATE: 7/20/2017

SUBMITTAL STAGE: FINAL

TITLE

SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3

SHEET

GENERAL NOTES AND VICINITY MAP

107V6438-3

1555 S. RAINBOW BLVD.
LAS VEGAS, NV 89146
T: 702.804.2300
F: 702.804.2259
govenengineering.com

Goven
ENGINEERS' SURVEYORS

STATE OF NEVADA
Professional Engineer
JOSH R. TOBIN
No. 6150
Exp. 06/30/2018
7/20/17

DATE: 7/20/2017

1555 S. RAINBOW BL

7/20/2017 3:07 PM F:\PROJECTS\400412-658\DWG\PRODUCTION\H54648-C-01-G01-03.DWG T.M. CLARK

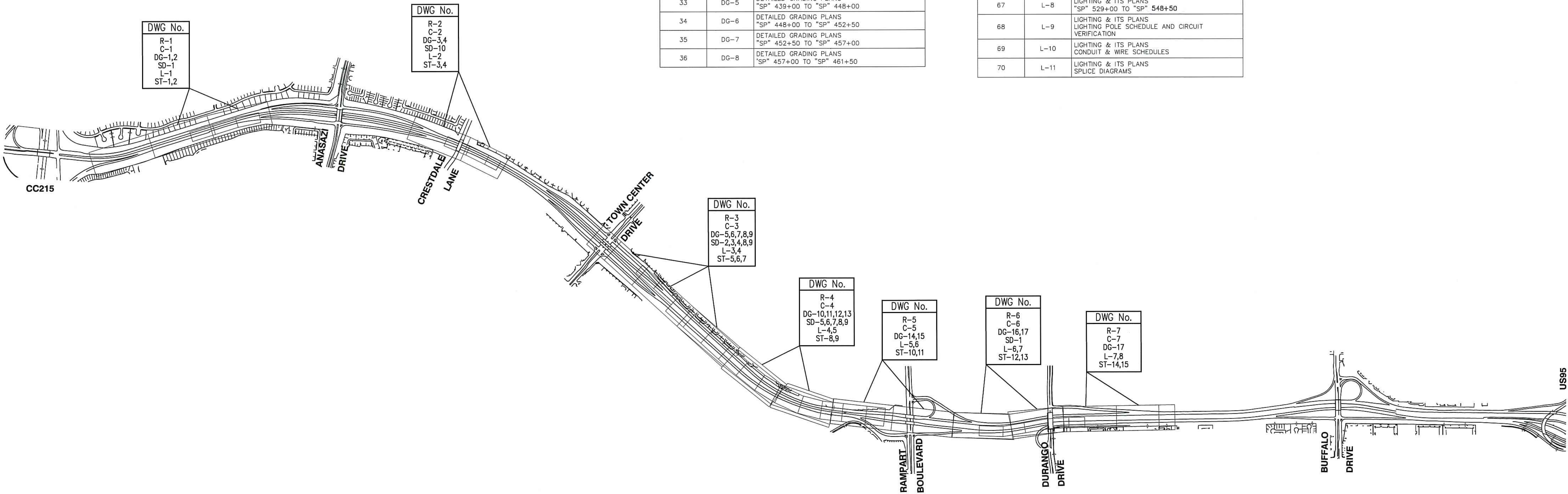
CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 7/25/17 PROJECT # 125198

INDEX OF DRAWINGS		
SHEET NO.	DRAWING NO.	DESCRIPTION
1	G-1	COVER SHEET
2	G-2	GENERAL NOTES AND VICINITY MAP
3	G-3	INDEX OF DRAWINGS & KEY MAP
4	G-4	RECORD OF SURVEY
5	G-5	RECORD OF SURVEY
6	G-6	RECORD OF SURVEY
7	G-7	RECORD OF SURVEY
8	G-8	RECORD OF SURVEY
9	G-9	RECORD OF SURVEY
10	TY-1	TYPICAL SECTIONS - EB CC215 - ANASAZI AUX LANE
11	TY-2	TYPICAL SECTIONS - WB TCD - RAMPART AUX LANE
12	TY-3	TYPICAL SECTIONS - EB TCD - RAMPART AUX LANE
13	TY-4	TYPICAL SECTIONS - EB RAMPART DURANGO AUX LANE & CBR DETAILS
14	TY-5	TYPICAL SECTIONS - EB ANASAZI ON-RAMP
15	R-1	REMOVAL PLANS "SP" 338+00 TO "SP" 361+00
16	R-2	REMOVAL PLANS "SP" 388+00 TO "SP" 407+00
17	R-3	REMOVAL PLANS "SP" 440+00 TO "SP" 463+00
18	R-4	REMOVAL PLANS "SP" 463+00 TO "SP" 485+00
19	R-5	REMOVAL PLANS "SP" 485+00 TO "SP" 508+00
20	R-6	REMOVAL PLANS "SP" 508+00 TO "SP" 529+00
21	R-7	REMOVAL PLANS "SP" 529+00 TO "SP" 550+00
22	C-1	CONSTRUCTION PLANS "SP" 338+00 TO "SP" 361+00
23	C-2	CONSTRUCTION PLANS "SP" 388+00 TO "SP" 407+00
24	C-3	CONSTRUCTION PLANS "SP" 440+00 TO "SP" 463+00
25	C-4	CONSTRUCTION PLANS "SP" 463+00 TO "SP" 485+00
26	C-5	CONSTRUCTION PLANS "SP" 485+00 TO "SP" 508+00
27	C-6	CONSTRUCTION PLANS "SP" 508+00 TO "SP" 529+00
28	C-7	CONSTRUCTION PLANS "SP" 529+00 TO "SP" 550+00
29	DG-1	DETAIL GRADING PLANS "SP" 345+50 TO "SP" 354+50
30	DG-2	DETAILED GRADING PLANS "SP" 554+50 TO "SP" 359+00
31	DG-3	DETAILED GRADING PLANS "SP" 395+00 TO "SP" 403+50
32	DG-4	DETAILED GRADING PLANS "SP" 403+50 TO "SP" 406+00
33	DG-5	DETAILED GRADING PLANS "SP" 439+00 TO "SP" 448+00
34	DG-6	DETAILED GRADING PLANS "SP" 448+00 TO "SP" 452+50
35	DG-7	DETAILED GRADING PLANS "SP" 452+50 TO "SP" 457+00
36	DG-8	DETAILED GRADING PLANS "SP" 457+00 TO "SP" 461+50

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39	DG-11	DETAILED GRADING PLANS "SP" 470+25 TO "SP" 474+50
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47	SD-2	STORM DRAIN PLAN AND PROFILE
48	SD-3	STORM DRAIN PLAN AND PROFILE
49	SD-4	STORM DRAIN PLAN AND PROFILE
50	SD-5	STORM DRAIN PLAN AND PROFILE
51	SD-6	STORM DRAIN PLAN AND PROFILE
52	SD-7	STORM DRAIN PLAN AND PROFILE
53	SD-8	STORM DRAIN PLAN AND PROFILE
54	SD-9	STORM DRAIN PLAN AND PROFILE
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56	S-1	GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS
57	S-2	STRUCTURAL DETAILS I
58	S-3	STRUCTURAL DETAILS II
59	S-4	STRUCTURAL DETAILS III
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62	L-3	LIGHTING & ITS PLANS "SP" 428+50 TO "SP" 451+50
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65	L-6	LIGHTING & ITS PLANS "SP" 496+50 TO "SP" 519+00
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67	L-8	LIGHTING & ITS PLANS "SP" 529+00 TO "SP" 548+50
68	L-9	LIGHTING & ITS PLANS LIGHTING POLE SCHEDULE AND CIRCUIT VERIFICATION
69	L-10	LIGHTING & ITS PLANS CONDUIT & WIRE SCHEDULES
70	L-11	LIGHTING & ITS PLANS SPLICE DIAGRAMS

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73	ST-3	SIGNING AND STRIPING "SP" 388+00 TO "SP" 399+00
74	ST-4	SIGNING AND STRIPING "SP" 399+00 TO "SP" 407+00
75	ST-5	SIGNING AND STRIPING "SP" 430+00 TO "SP" 440+00
76	ST-6	SIGNING AND STRIPING "SP" 440+00 TO "SP" 451+50
77	ST-7	SIGNING AND STRIPING "SP" 451+50 TO "SP" 463+00
78	ST-8	SIGNING AND STRIPING "SP" 463+00 TO "SP" 474+00
79	ST-9	SIGNING AND STRIPING "SP" 474+00 TO "SP" 485+00
80	ST-10	SIGNING AND STRIPING "SP" 485+00 TO "SP" 496+50
81	ST-11	SIGNING AND STRIPING "SP" 496+50 TO "SP" 508+00
82	ST-12	SIGNING AND STRIPING "SP" 508+00 TO "SP" 519+00
83	ST-13	SIGNING AND STRIPING "SP" 519+00 TO "SP" 529+00
84	ST-14	SIGNING AND STRIPING "SP" 529+00 TO "SP" 539+00
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89	ST-19	SIGNING AND STRIPING SIGN DETAILS
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91	ST-21	OVERHEAD SIGN STRUCTURE DETAIL "SEB" 354+41
92	ST-22	OVERHEAD SIGN STRUCTURE DETAIL "SWB" 450+51
93	ST-23	OVERHEAD SIGN STRUCTURE DETAIL "SEB" 463+83
94	ST-24	OVERHEAD SIGN STRUCTURE DETAIL "SWB" 474+51
95	ST-25	OVERHEAD SIGN STRUCTURE DETAIL "SEB" 487+99



PREPARED FOR
CITY OF LAS VEGAS

DESIGNED BY: FUG
DRAWN BY: TJC
CHECKED BY: JRT

DATE: 7/20/2017
SUBMITTAL STAGE: FINAL

INDEX OF DRAWINGS & KEY MAP

155 S. PARKVIEW BLVD.
SUITE 200
LAS VEGAS, NV 89102
P: 702.804.2299
F: 702.804.2299
gcmengineering.com

GCM
ENGINEERS & SURVEYORS

TITLE
SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3

SHEET
G-3
3 OF 95
DRAWING NO.
107V6438-3

PROJ.#: 125198 AGR: 116285 QS: 138-29-SW

7/20/17

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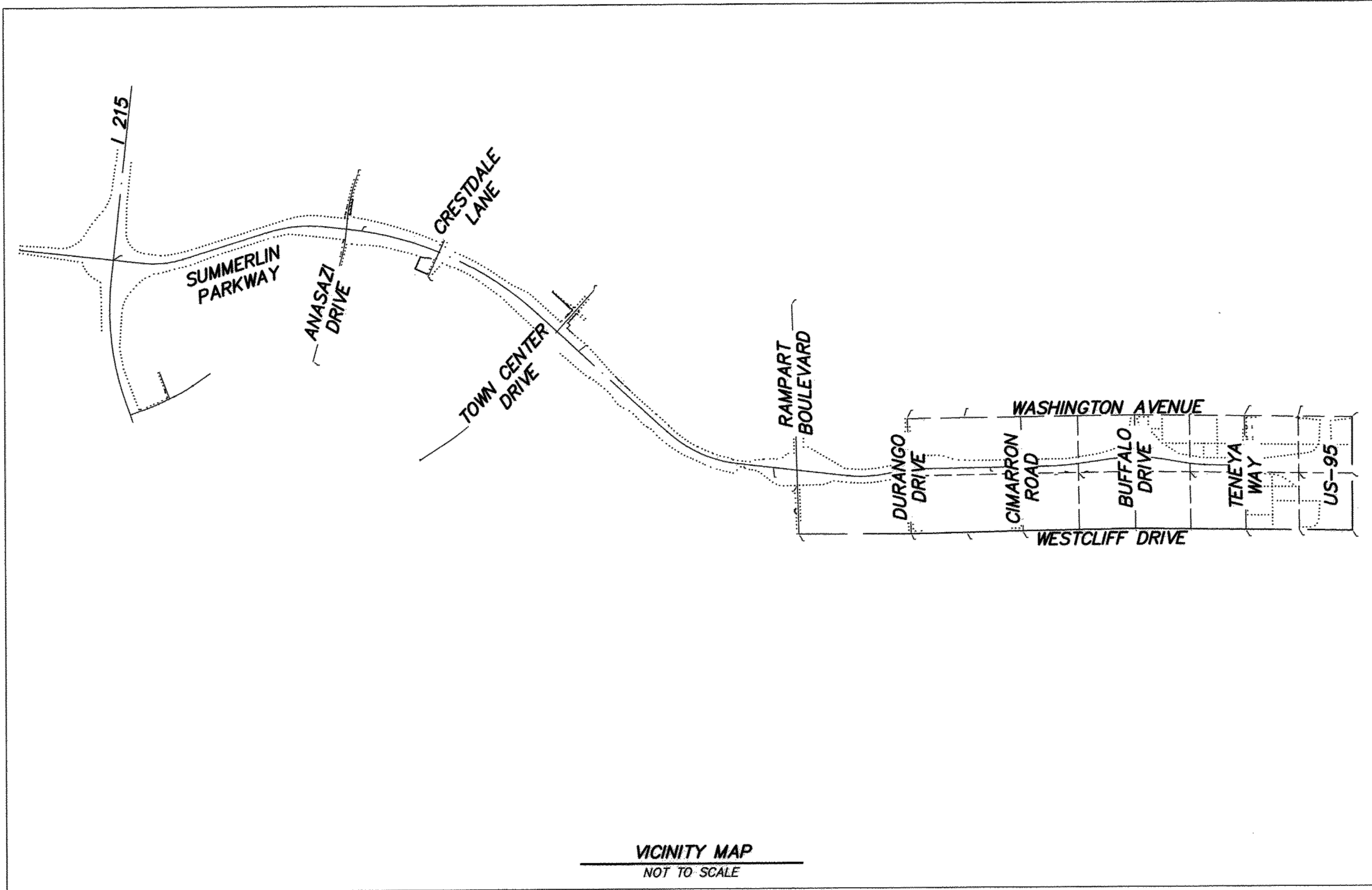
412-658

MAP REFERENCES

BOOK 34 OF PLATS AT PAGE 59
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BOOK 41 OF PLATS AT PAGE 66
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BOOK 75 OF PLATS AT PAGE 48
FILE 104 OF PARCEL MAPS AT PAGE 13
FILE 131 OF SURVEYS AT PAGE 85 OF SURVEYS

LEGEND

— SECTION LINE
- - - QUARTER SECTION LINE
- - - 16TH SECTION LINE
- - - EXISTING LOT/RIGHT-OF-WAY LINE
- - - STREET CENTERLINE
● FOUND MONUMENT AS DESCRIBED
205 POINT NUMBER
(SEE POINT TABLE SHEET 6 OF 6)
× POINT NOT FOUND - CALCULATED POSITION



SURVEYOR'S CERTIFICATE

I, PAUL BURN, A PROFESSIONAL LAND SURVEYOR LICENSED IN THE STATE OF NEVADA, AS AN AGENT OF G.C. WALLACE INC. CERTIFY THAT:

THIS PLAT REPRESENTS THE RESULTS OF A SURVEY CONDUCTED UNDER MY DIRECT SUPERVISION AT THE INSTANCE OF CITY OF LAS VEGAS.

THE LAND SURVEYED LIES WITHIN A PORTION OF SECTIONS 19, 27, 28, 29 AND 30, TOWNSHIP 20 SOUTH, RANGE 60 EAST M.D.M., AND SECTIONS 23, 24, 25 AND 26, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AND THE SURVEY WAS COMPLETED ON APRIL 29, 2015.

THIS PLAT COMPLIES WITH THE APPLICABLE STATE STATUTES AND ANY LOCAL ORDINANCES IN EFFECT ON THE DATE THAT THE GOVERNING BODY GAVE ITS FINAL APPROVAL.

THE MONUMENTS DEPICTED ON THIS PLAT ARE OF THE CHARACTER SHOWN, OCCUPY THE POSITIONS INDICATED, AND ARE OF SUFFICIENT NUMBER AND DURABILITY.

PAUL BURN
PROFESSIONAL LAND SURVEYOR
NEVADA LICENSE NO. 11174



BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58' WEST OF THE GREENWICH MERIDIAN.

DATUM (REFERENCE FRAME): NAD 1983 (2011) EPOCH 2010.0

ZONE: LAS VEGAS ZONE
STANDARD PARALLEL AND GRID ORIGIN: 36°15'00" N
CENTRAL MERIDIAN: 114°58'00" W
FALSE NORTHING: 200,000 METERS
FALSE EASTING: 100,000 METERS
STANDARD PARALLEL SCALE: 1.0001
LINEAR UNIT: US SURVEY FOOT (SFT)

RECORDER'S NOTE

ANY SUBSEQUENT CHANGES TO THIS MAP SHOULD BE EXAMINED AND MAY BE DETERMINED BY REFERENCE TO THE COUNTY RECORDER'S CUMULATIVE MAP INDEX. N.R.S. 278.5695

CLV PROJECT NO. H54648

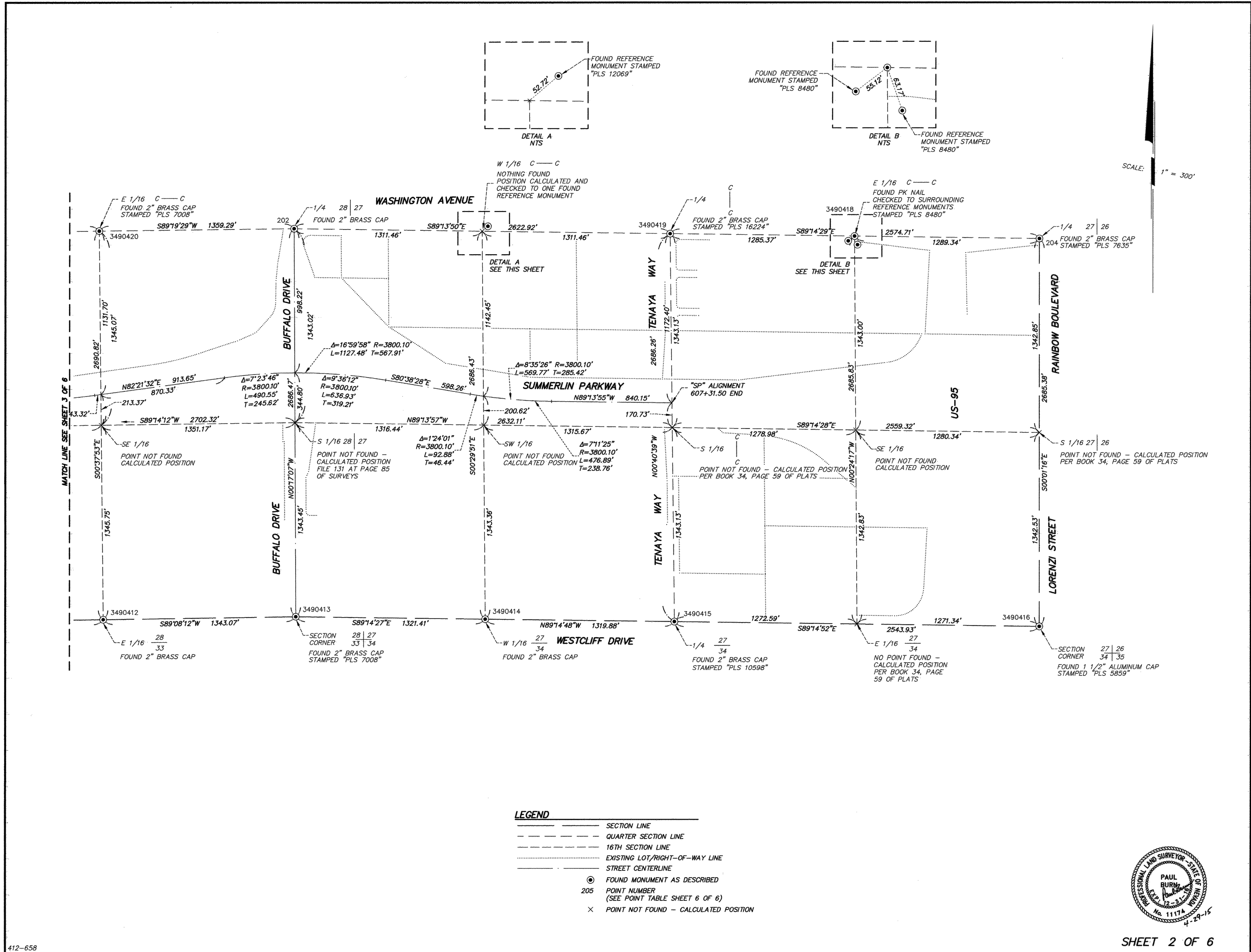
RECORD OF SURVEY FOR SUMMERLIN PARKWAY	
A PORTION OF SECTIONS 19, 27, 28, 29 AND 30, TOWNSHIP 20 SOUTH, RANGE 60 EAST M.D.M., AND SECTIONS 23, 24, 25 AND 26, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.	
G.C. WALLACE COMPANIES ENGINEERS PLANNERS SURVEYORS 1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146 T: 702.804.2000 • F: 702.804.2299 • GCWALLACE.COM	
INSTRUMENT NO. 4083 OFFICIAL RECORDS BOOK NO. 2950429 FILED AT THE REQUEST OF G.C. WALLACE INC. DATE 4/29/15 AT 16:11:14 R. FILE 195 PAGE 0030 OF SURVEYS CLARK COUNTY, NEVADA RECORDS DEBBIE CONWAY, RECORDER FEE \$ 74.00 DEPUTY MTM	

SHEET 1 OF 6

FILE 195 PAGE 0030

PREPARED BY	1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146 T: 702.804.2000 F: 702.804.2299 gcwallace.com
PREPARED FOR	CITY OF LAS VEGAS
HANSEN NO. 67066	BID# 1767066
DATE: 8/17/2017	DESIGNED BY: FJG
SUBMITTAL STAGE: FINAL	DRAWN BY: TJC
	CHECKED BY: JRT
TITLE	SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3
SHEET	RECORD OF SURVEY
SHEET	G-4
DRAWING NO.	107V6438-3

412-658



SHEET 2 OF 6

FILE 195 PAGE 003

TITLE

SUMMERLIN PARKWAY - TRAFFIC CAPACITY
AND SAFETY IMPROVEMENTS PHASE 3

SHEET

RECORD OF SURVEY

SHEET

G-5
5 OF 95
DRAWING NO.
107V6438-3

PREPARED FOR

CITY OF LAS VEGAS

HANSEN NO. 67066

DATE: 8/17/2017

SUBMITTAL STAGE: FINAL

PREPARED BY

GCW
ENGINEERS & SURVEYORS

BID# 1767066

DESIGNED BY: F/G

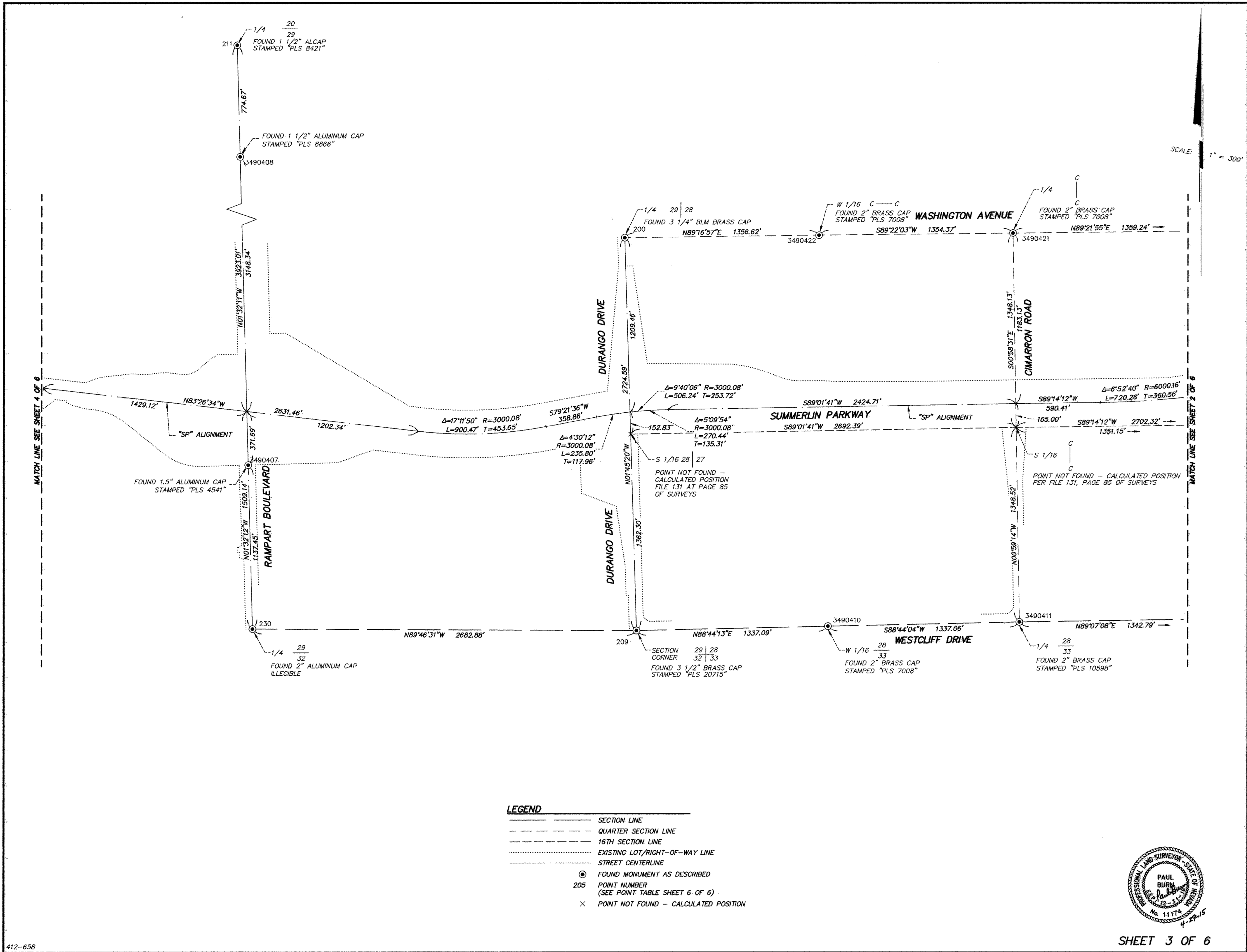
DRAWN BY: T/C

CHECKED BY: JRT

NO.

DATE

REVISIONS

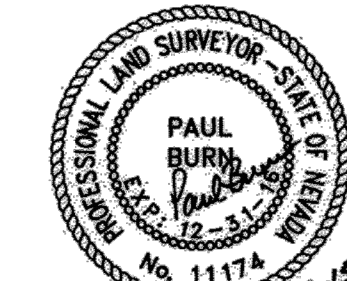
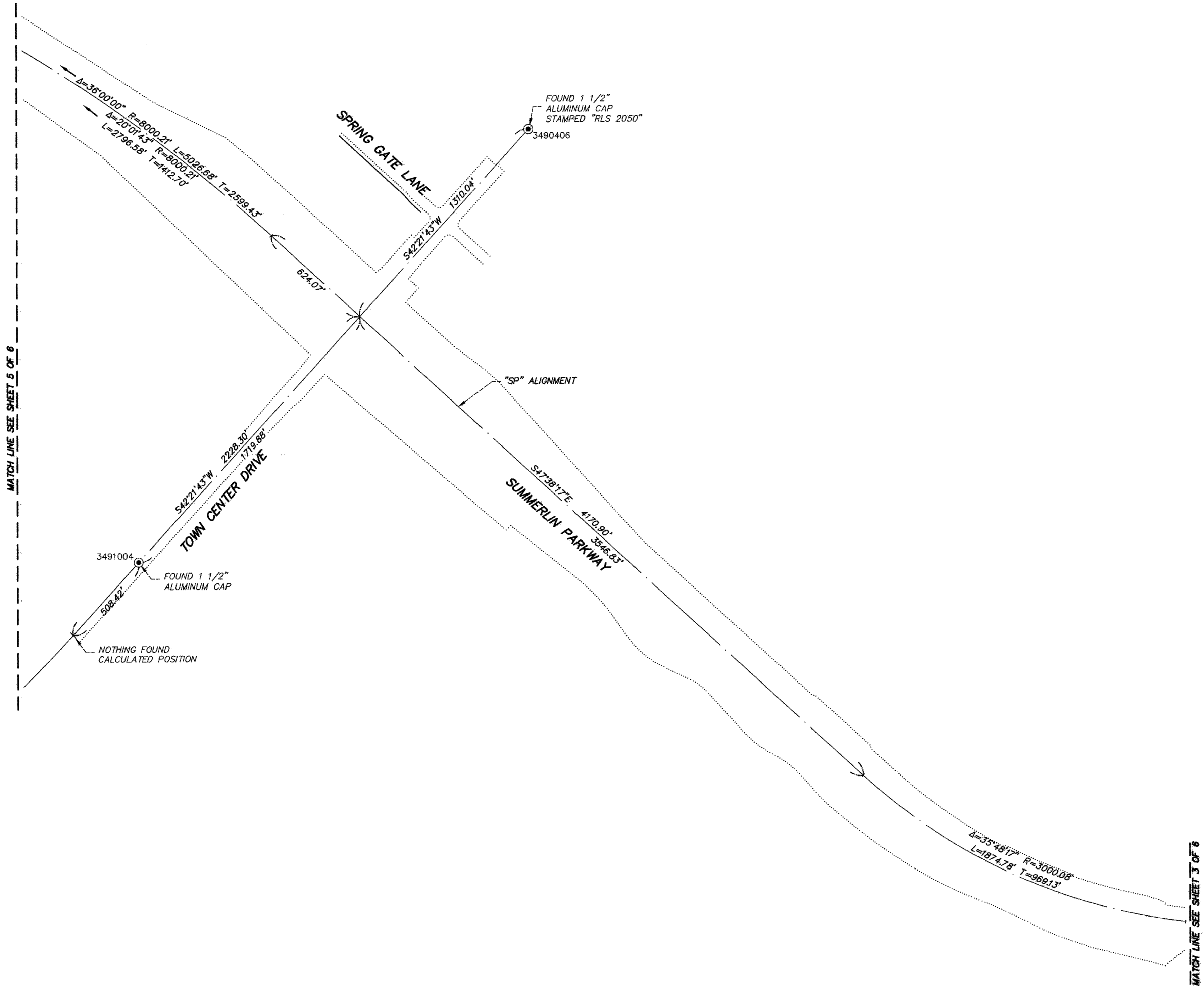


FILE 195 PAGE 0030

TITLE		SHEET	
SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3		G-6	
RECORD OF SURVEY		6 OF 95	
DRAWING NO. 107V6438-3		DRAWING NO. 107V6438-3	
PREPARED FOR CITY OF LAS VEGAS		DESIGNED BY: FJG	
HAISEN NO. 67066		DRAWN BY: TJC	
DATE: 8/17/2017		CHECKED BY: JRT	
SUBMITTAL STAGE: FINAL		NO. DATE	
PREPARED BY: GCV		REVISIONS	
1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146		T: 702.884.2200 F: 702.884.2289 gcvengineering.com	
SUMMERLIN PARKWAY TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS / PHASE 3			

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412-658



SHEET 4 OF 6

FILE 195 PAGE 0030

TITLE

SUMMERLIN PARKWAY - TRAFFIC CAPACITY
AND SAFETY IMPROVEMENTS PHASE 3

SHEET

RECORD OF SURVEY

SHEET

G-7
7 OF 95

DRAWING NO.
107V6438-3

PREPARED FOR
CITY OF LAS VEGAS

BID# 1767056

DESIGNED BY: FJG

DRAWN BY: TJC

CHECKED BY: JRT

HAUSEN NO. 67066

DATE: 8/17/2017

SUBMITTAL STAGE:

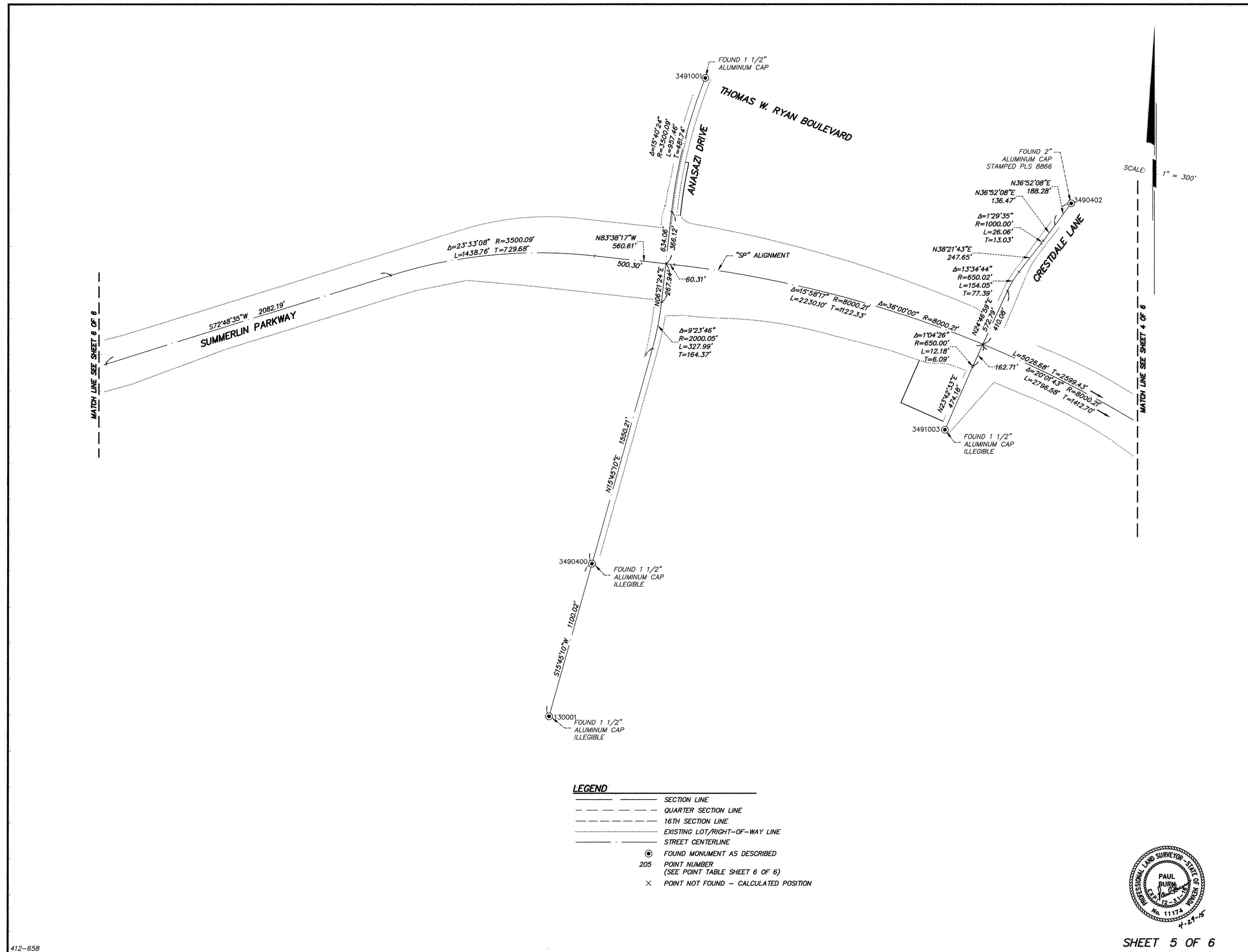
FINAL

PREPARED BY

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ENGINEERS & SURVEYORS
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F: 702.884.2289
gcvengineering.com

REVISIONS

SUMMERLIN PARKWAY TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS / PHASE 3

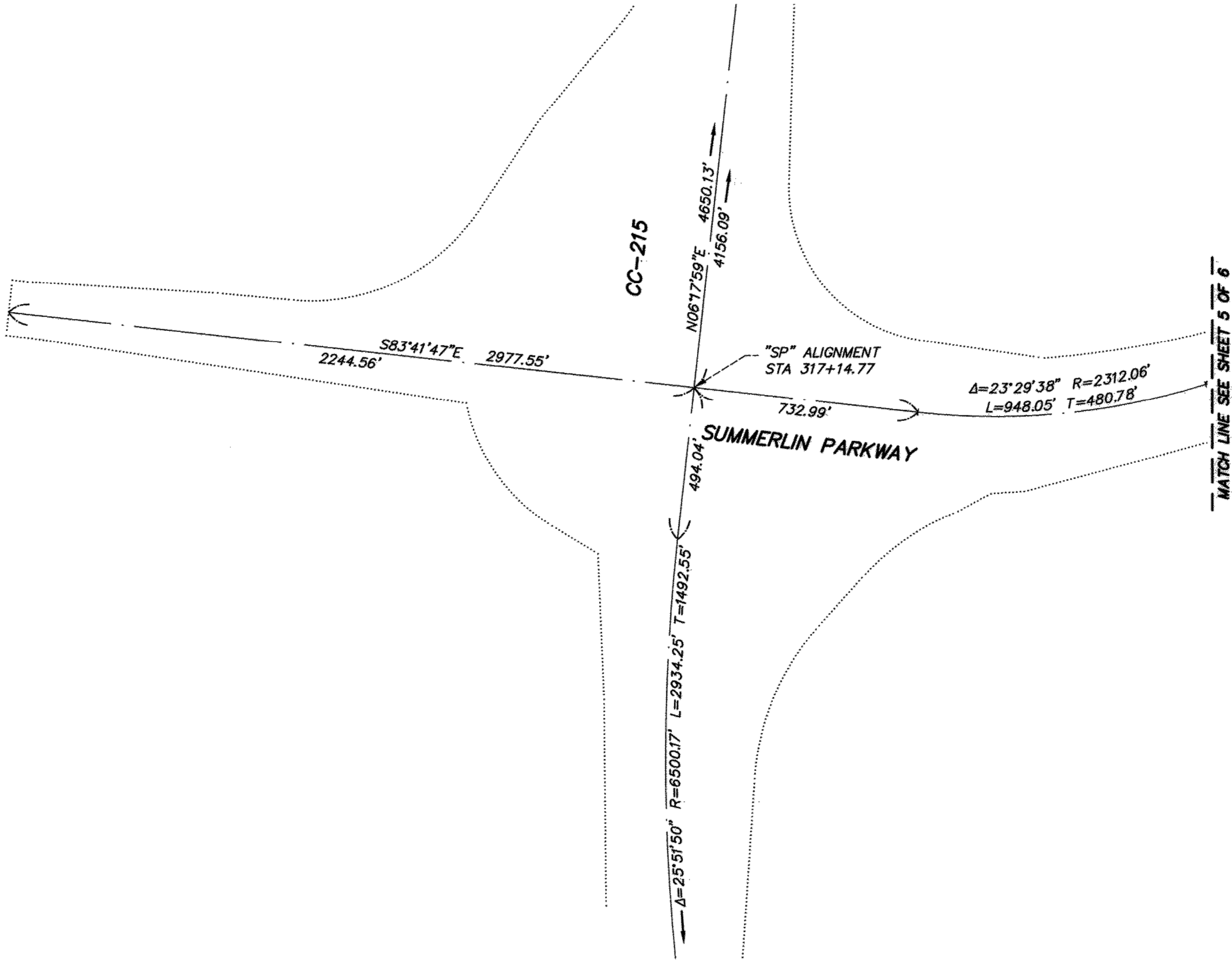


SHEET		TITLE		PREPARED FOR		PREPARED BY		NO. DATE		REVISIONS	
G-8 8 OF 95 DRAWING NO. 107V6438-3		SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3		RECORD OF SURVEY		CITY OF LAS VEGAS		1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146 P. 702.400.1000 F. 702.804.2299 gowengineering.com		ENGINEERS \ SURVEYORS	
SHEET		DATE: 8/17/2017		HANSEN NO. 67056		BID# 17.67056		DESIGNED BY: F.J.G.			
		SUBMITTAL STAGE:						DRAWN BY: T.J.C.			
		FINAL						CHECKED BY: J.R.T.			

412-658

NCRS LDP POINT TABLE			
POINT #	NORTHING	EASTING	DESCRIPTION
200	631253.89	236108.6450	3.25" BLM BRASS CAP
202	631316.90	241537.7620	2" BRASS CAP
204	631247.60	246770.2295	2" BRASS CAP PLS 7635
209	628530.58	236192.1210	3 1/4 BRASS CAP PLS 20715
211	633971.28	233363.6060	1.5" ALUMINUM CAP PLS 8421
230	628541.05	233509.2800	ALUMINUM CAP ILLEGIBLE
130001	632694.65	221912.1120	1.5 AL CAP ILLEGIBLE
3490400	633753.23	222210.7970	1.5" ALUMINUM CAP ILLEGIBLE
3490402	636253.60	225554.4280	2" ALUMINUM CAP PLS 8866
3490406	634334.50	228632.1180	1.5" ALUMINUM CAP RLS 2050
3490407	629678.13	233478.7580	1.5" ALUMINUM CAP PLS 4541
3490408	633196.90	233384.4160	1.5" ALUMINUM CAP PLS 8866
3490410	628560.13	237528.8490	2" BRASS CAP PLS 7008
3490411	628589.59	238865.6150	2" BRASS CAP PLS 10598
3490412	628610.16	240208.2690	2" BRASS CAP
3490413	628630.35	241551.1330	2" BRASS CAP PLS 7008
3490414	628612.92	242872.4090	2" BRASS CAP
3490415	628595.62	244192.1910	2" BRASS CAP PLS 10598
3490416	628562.21	246735.9270	1.5"ALUMINUM CAP PLS 5859
3490418	631264.58	245445.7020	FND PK NAIL
3490419	631281.72	244160.5190	2" BRASS CAP PLS 16224
3490420	631300.78	240178.5950	2" BRASS CAP PLS 7008
3490421	631285.85	238819.4720	2" BRASS CAP PLS 7008
3490422	631270.92	237465.2090	2" BRASS CAP PLS 7008
3491001	637122.29	222998.6720	1.5" ALUMINUM CAP
3491003	634682.66	224673.6890	1.5" ALUMINUM CAP ILLEGIBLE
3491004	632095.66	226590.4550	1.5" ALUMINUM CAP

- LEGEND**
- SECTION LINE
 - QUARTER SECTION LINE
 - 16TH SECTION LINE
 - EXISTING LOT/RIGHT-OF-WAY LINE
 - STREET CENTERLINE
 - FOUND MONUMENT AS DESCRIBED
 - POINT NUMBER
(SEE POINT TABLE SHEET 6 OF 6)
 - POINT NOT FOUND - CALCULATED POSITION

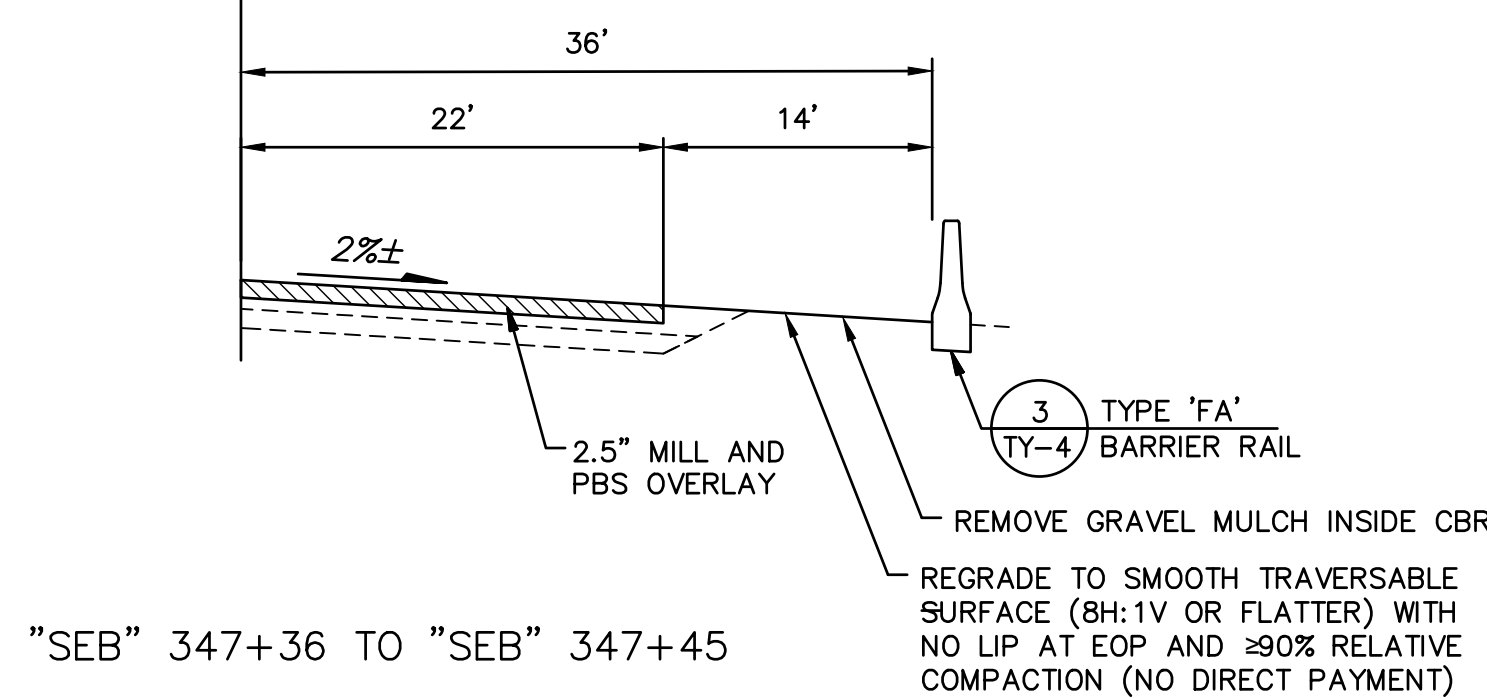
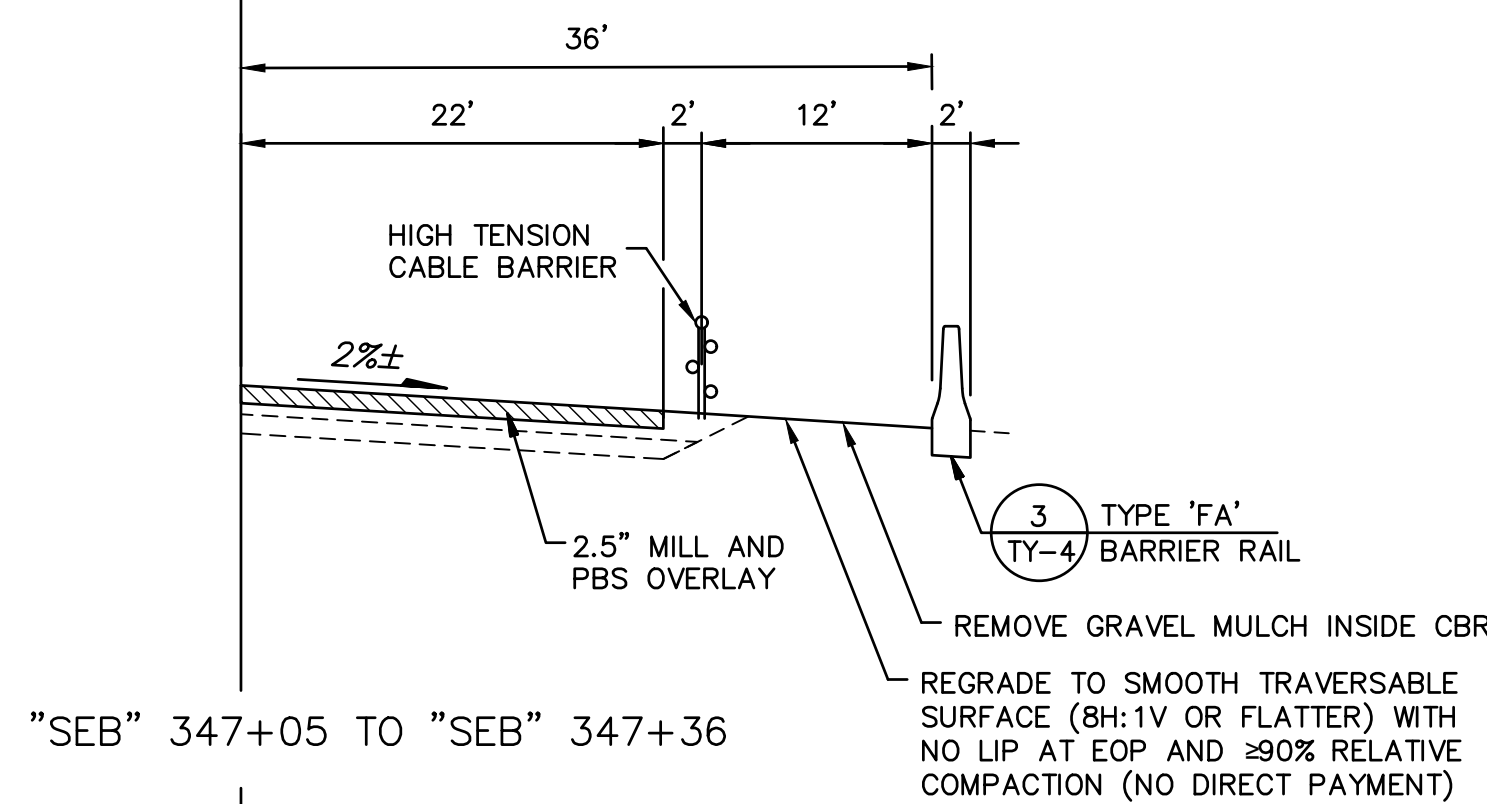
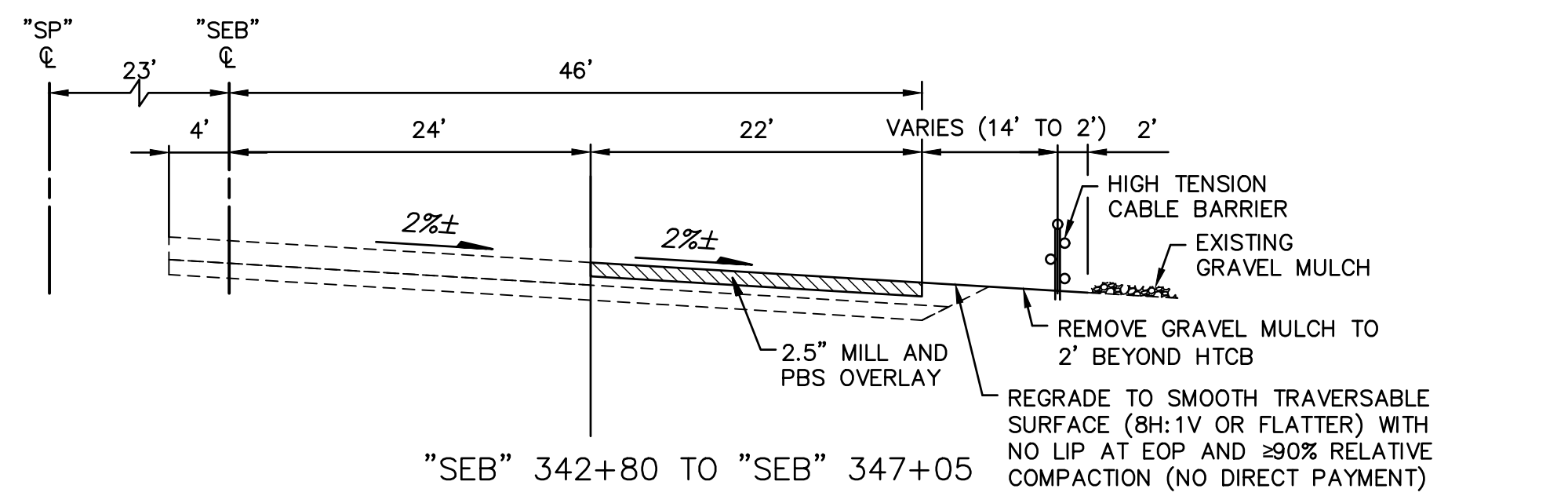


SHEET 6 OF 6

FILE 195 PAGE 0030

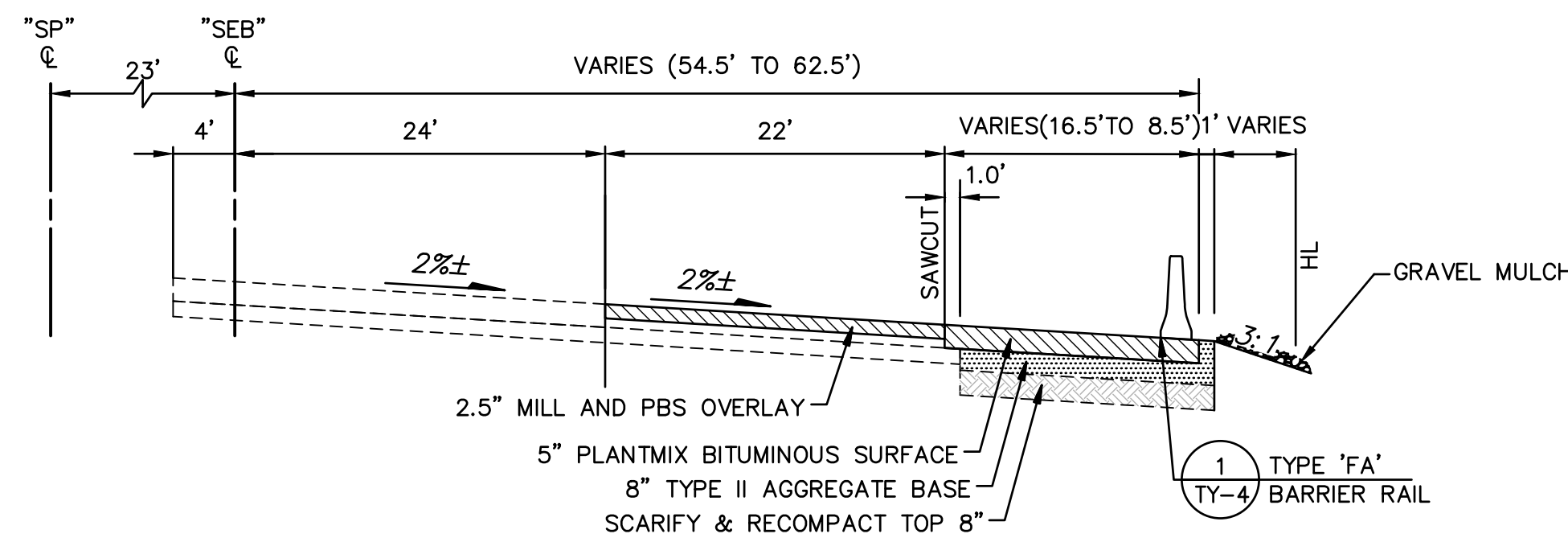
TITLE	SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3		CITY OF LAS VEGAS		PREPARED BY		
	SHEET		DESIGNED BY: FUG DRAWN BY: TJC CHECKED BY: JRT		1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146 T: 702.884.2200 F: 702.884.2289 gcnengineering.com		
RECORD OF SURVEY		FINAL		NO		DATE	REVISIONS
G-9		9 OF 95		DRAWING NO.		107V6438-3	

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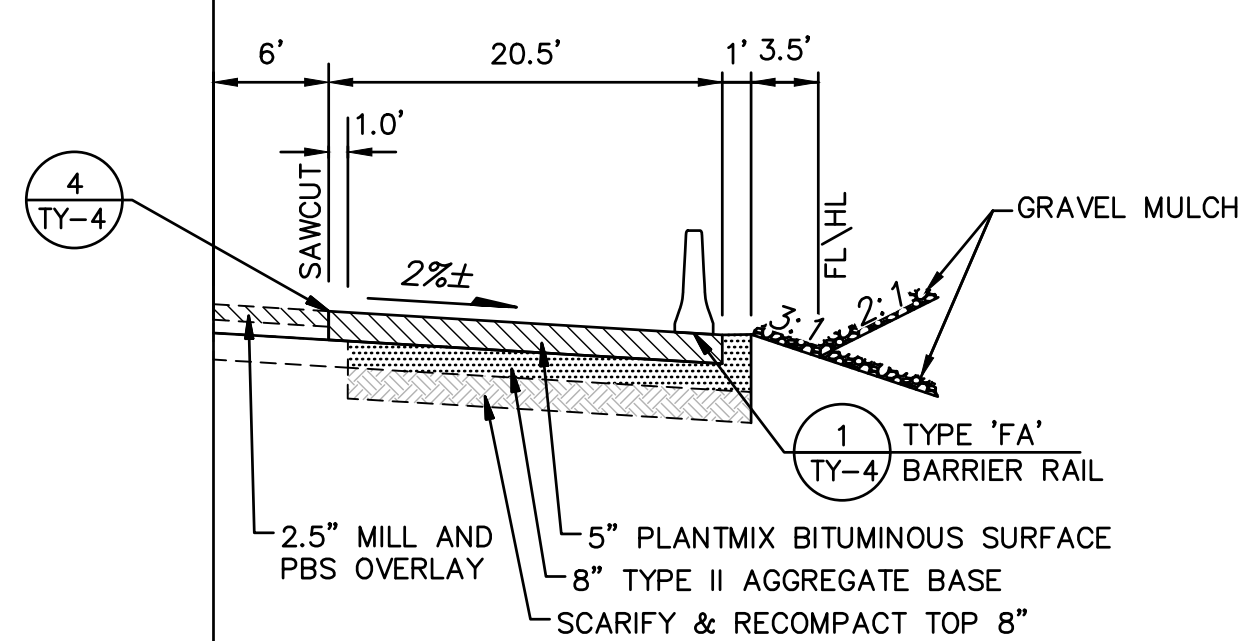
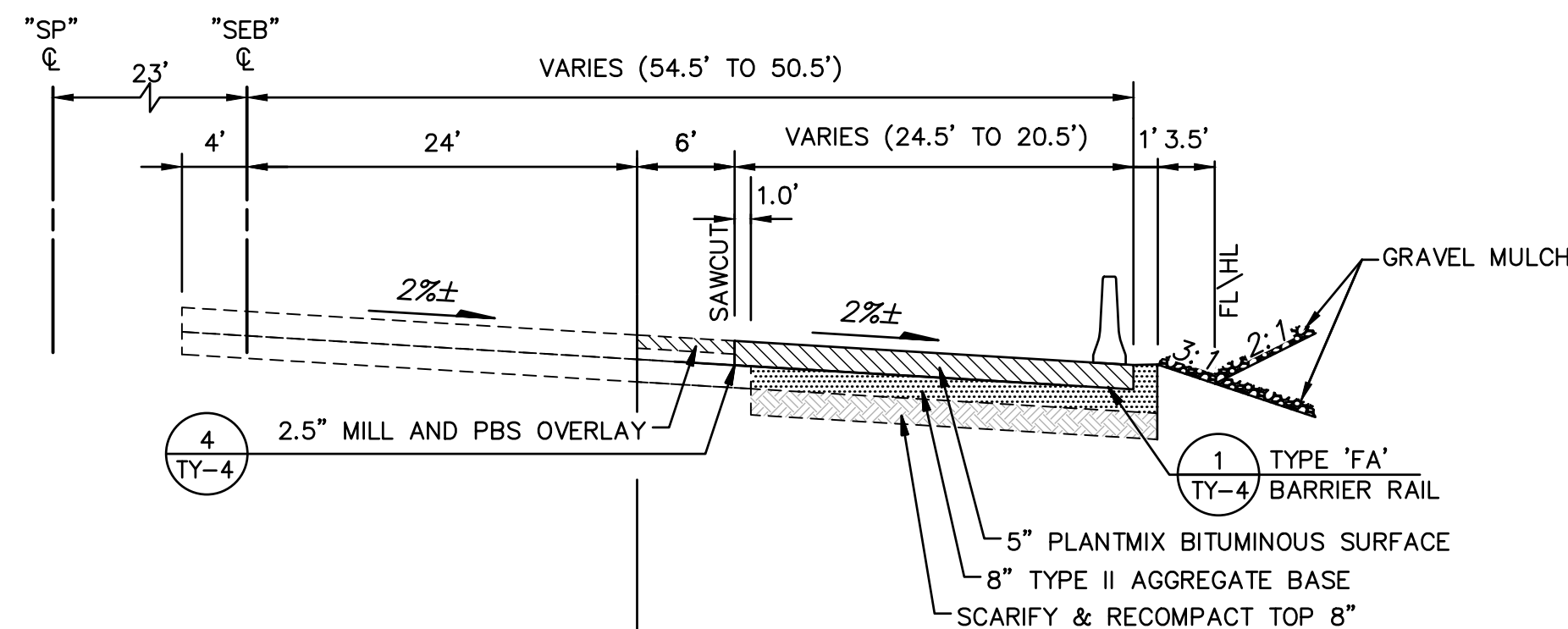
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"SEB" 342+80 TO "SEB" 347+45



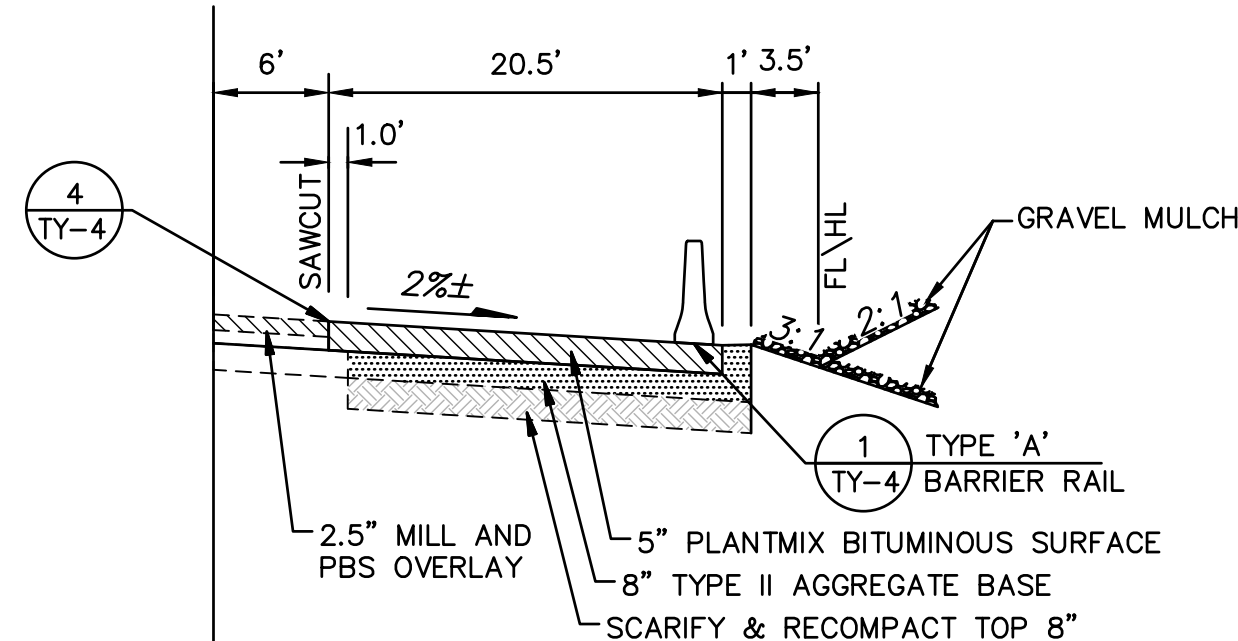
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"SEB" 347+45 TO "SEB" 349+05



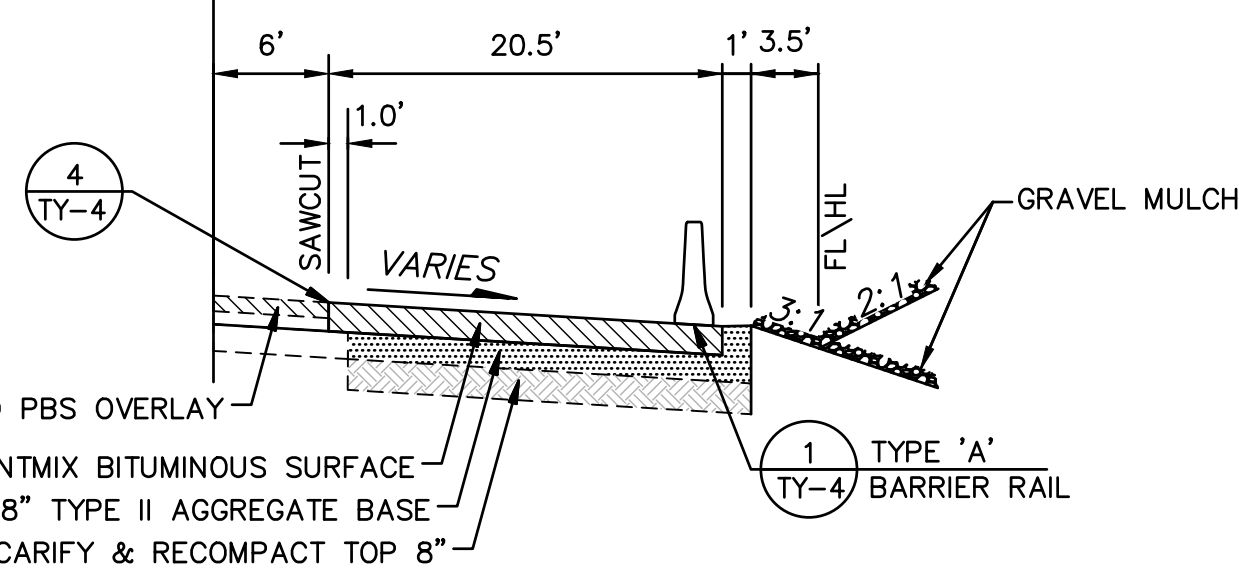
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"SEB" 349+85 TO "SEB" 353+60



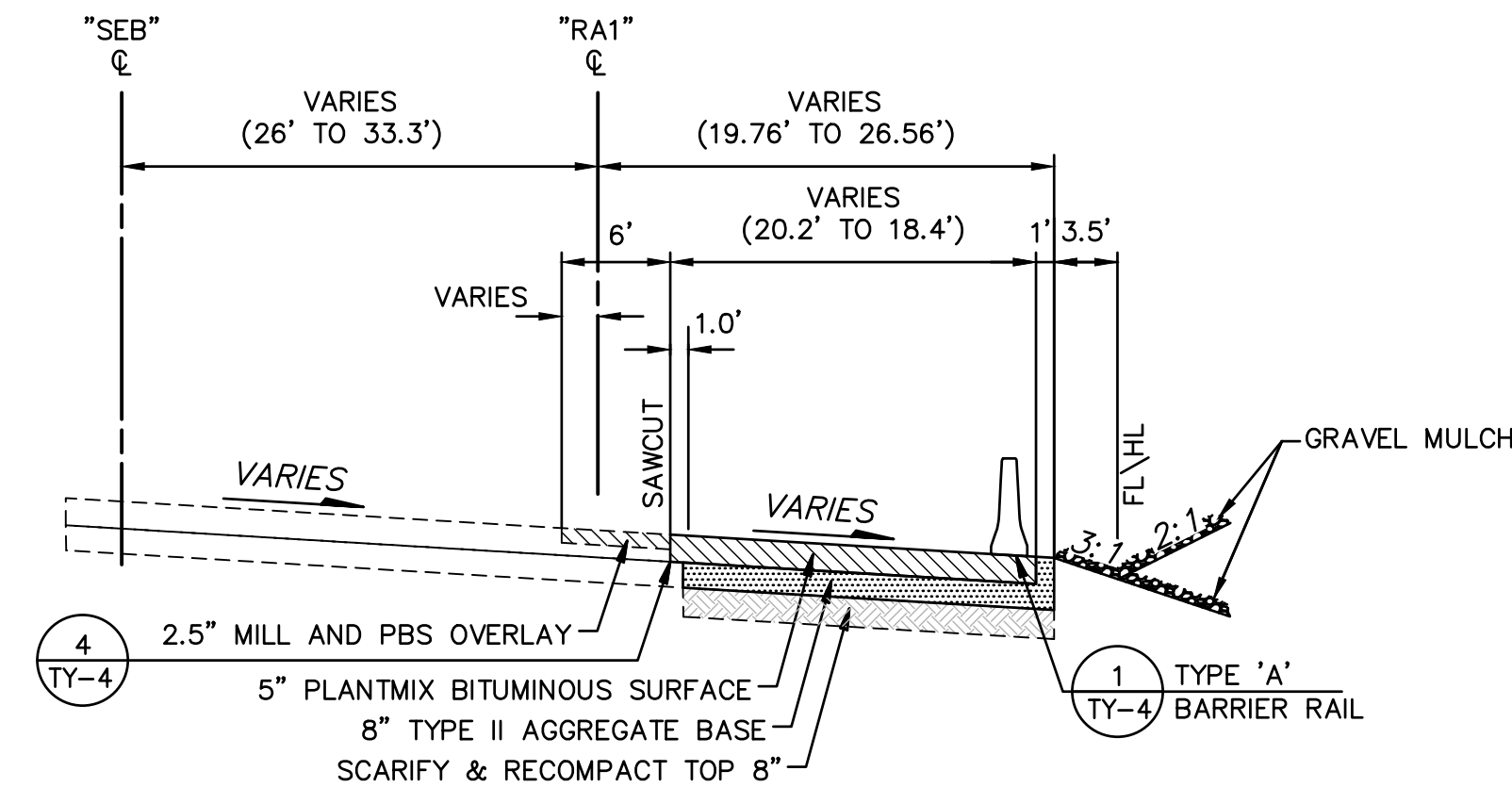
EB AUXILIARY LANE

"SEB" 353+60 TO "SEB" 353+75.17



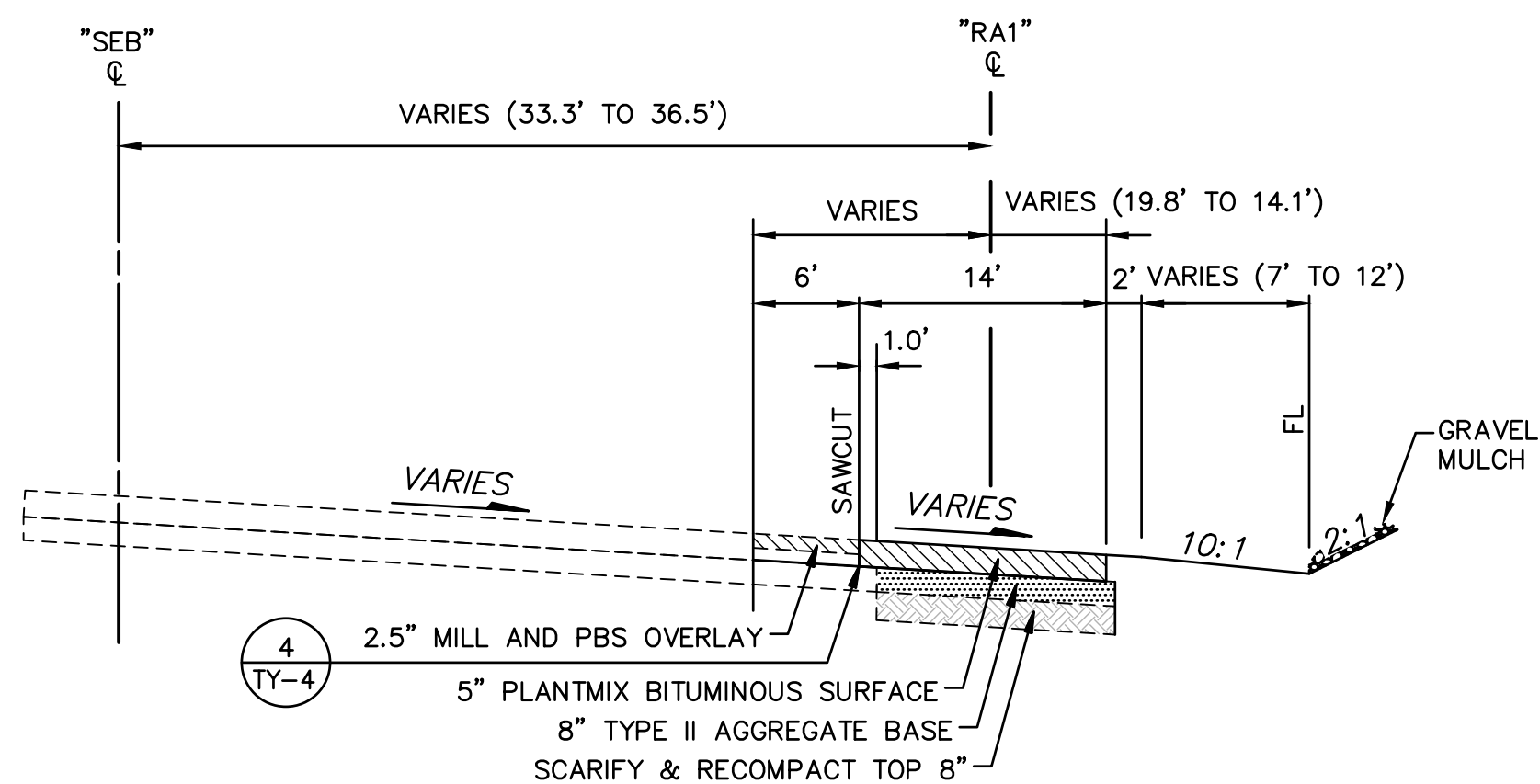
EB AUXILIARY LANE

"SEB" 349+05 TO "SEB" 353+91.05



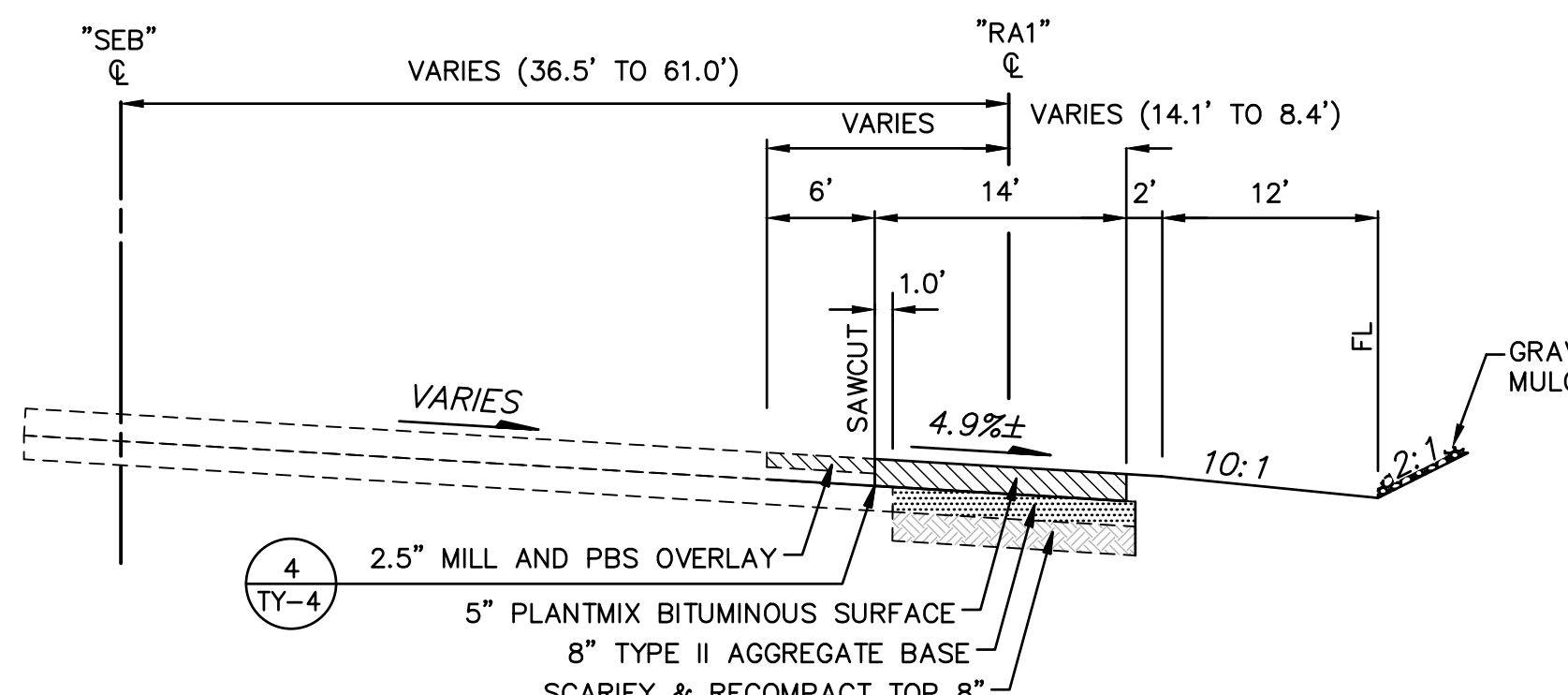
EB AUXILIARY LANE

"RA1" 10+00 TO "RA1" 11+10



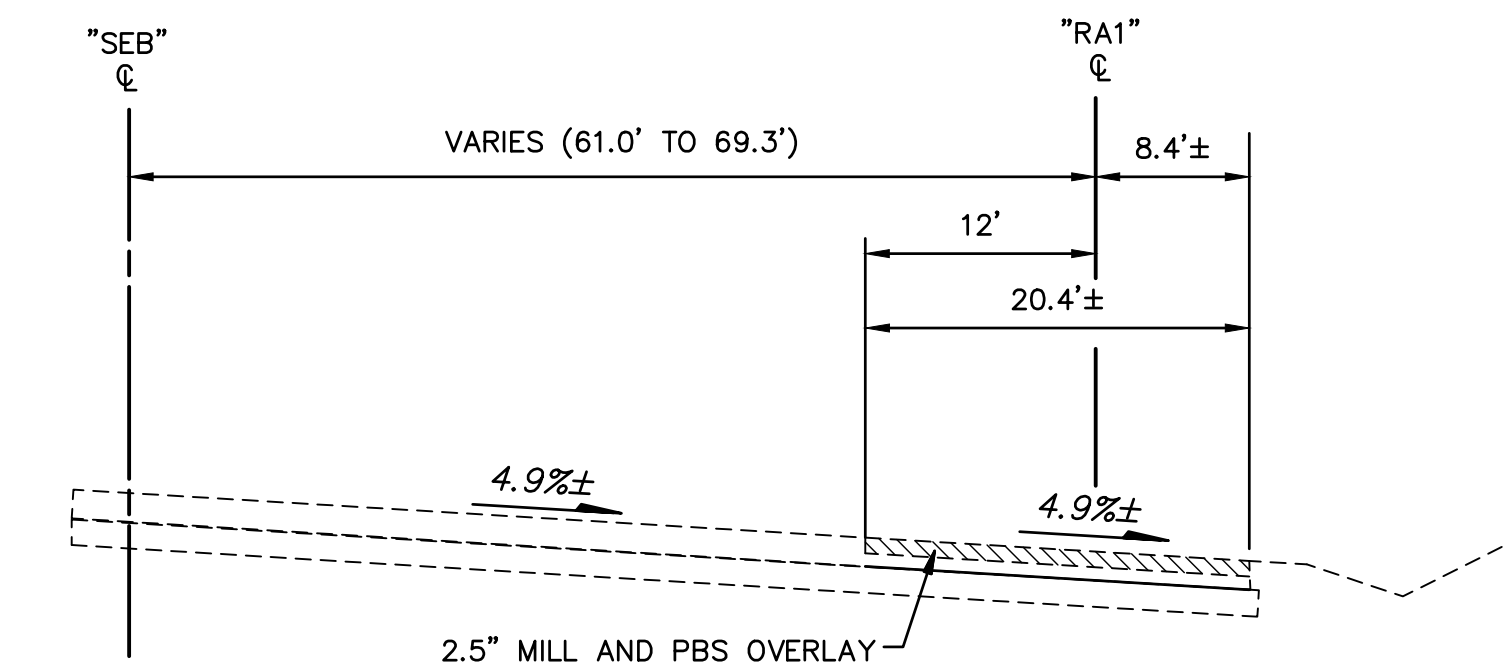
EB AUXILIARY LANE

"RA1" 11+10 TO "RA1" 11+44.50



EB AUXILIARY LANE

"RA1" 11+44.50 TO "RA1" 13+98.50

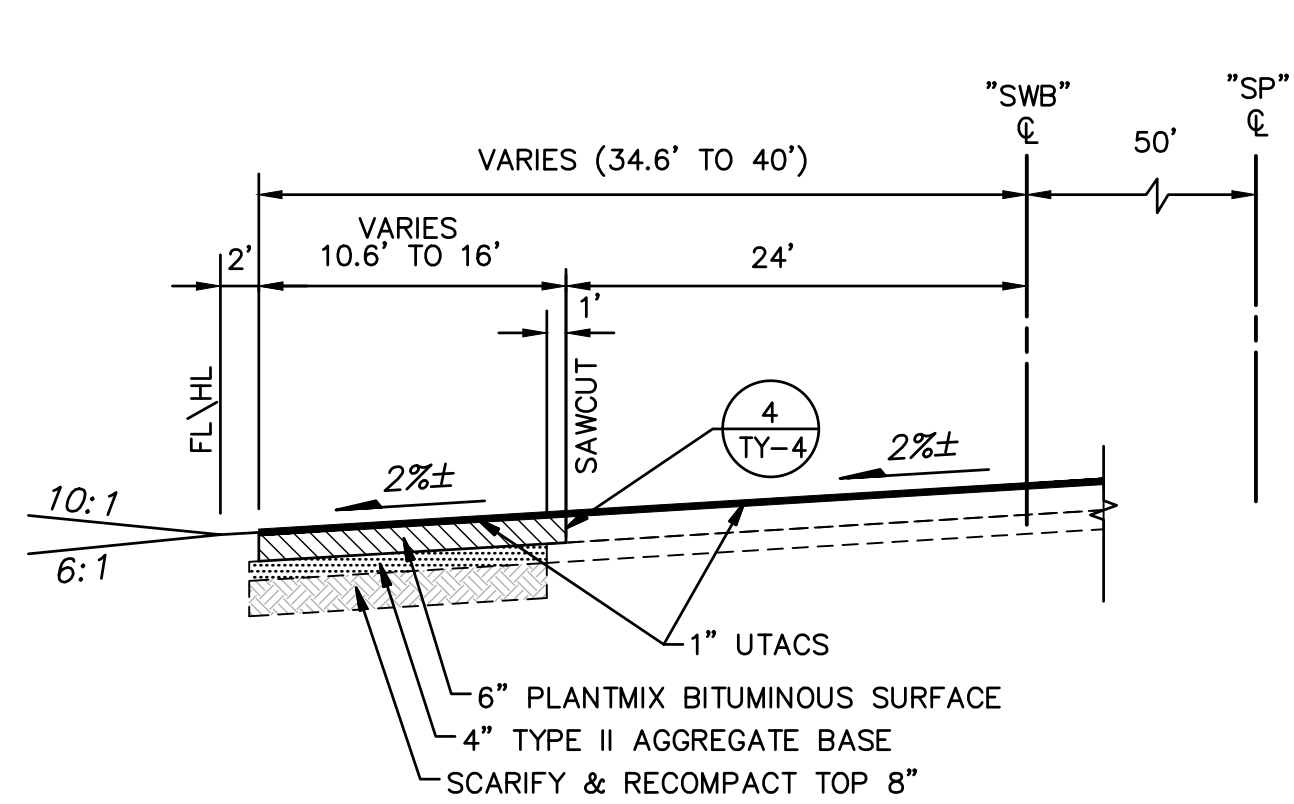


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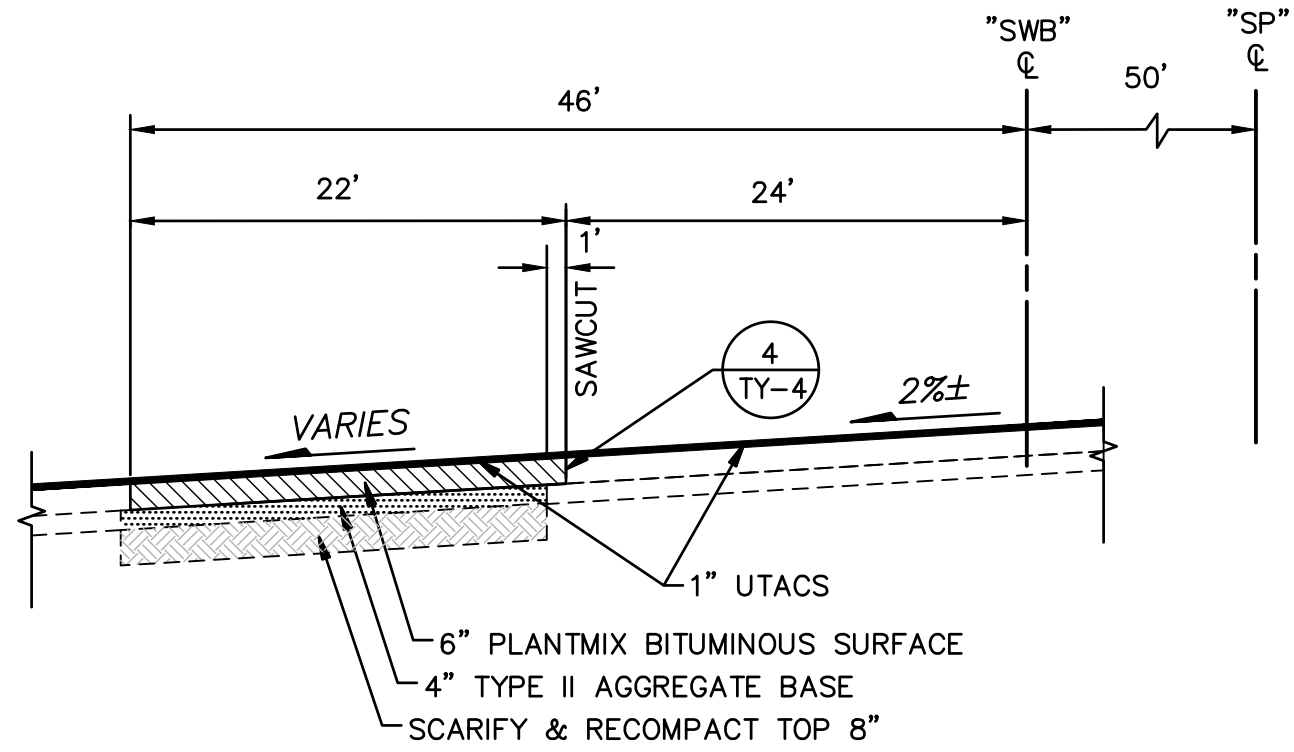
"RA1" 13+98.50 TO "RA1" 14+84

PREPARED BY		CITY OF LAS VEGAS		DESIGNED BY: F/G		DRAWN BY: T/C		CHECKED BY: JRT	
HAISEN NO. 67066		DATE: 8/17/2017		SUBMITTAL STAGE: FINAL		REVISIONS		NO. DATE	
1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146 P: 702.884.2200 F: 702.884.2289 gcmengineering.com		CITY OF LAS VEGAS		DESIGNED BY: F/G		DRAWN BY: T/C		CHECKED BY: JRT	
SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3		TYPICAL SECTIONS - ANASAZI AUX LANE		EB CC215 - ANASAZI AUX LANE		REVISIONS		NO. DATE	
SHEET		SHEET		SHEET		SHEET		SHEET	
TY-1		TY-1		TY-1		TY-1		TY-1	
10 OF 95		10 OF 95		10 OF 95		10 OF 95		10 OF 95	
DRAWING NO. 107V6438-3		DRAWING NO. 107V6438-3		DRAWING NO. 107V6438-3		DRAWING NO. 107V6438-3		DRAWING NO. 107V6438-3	

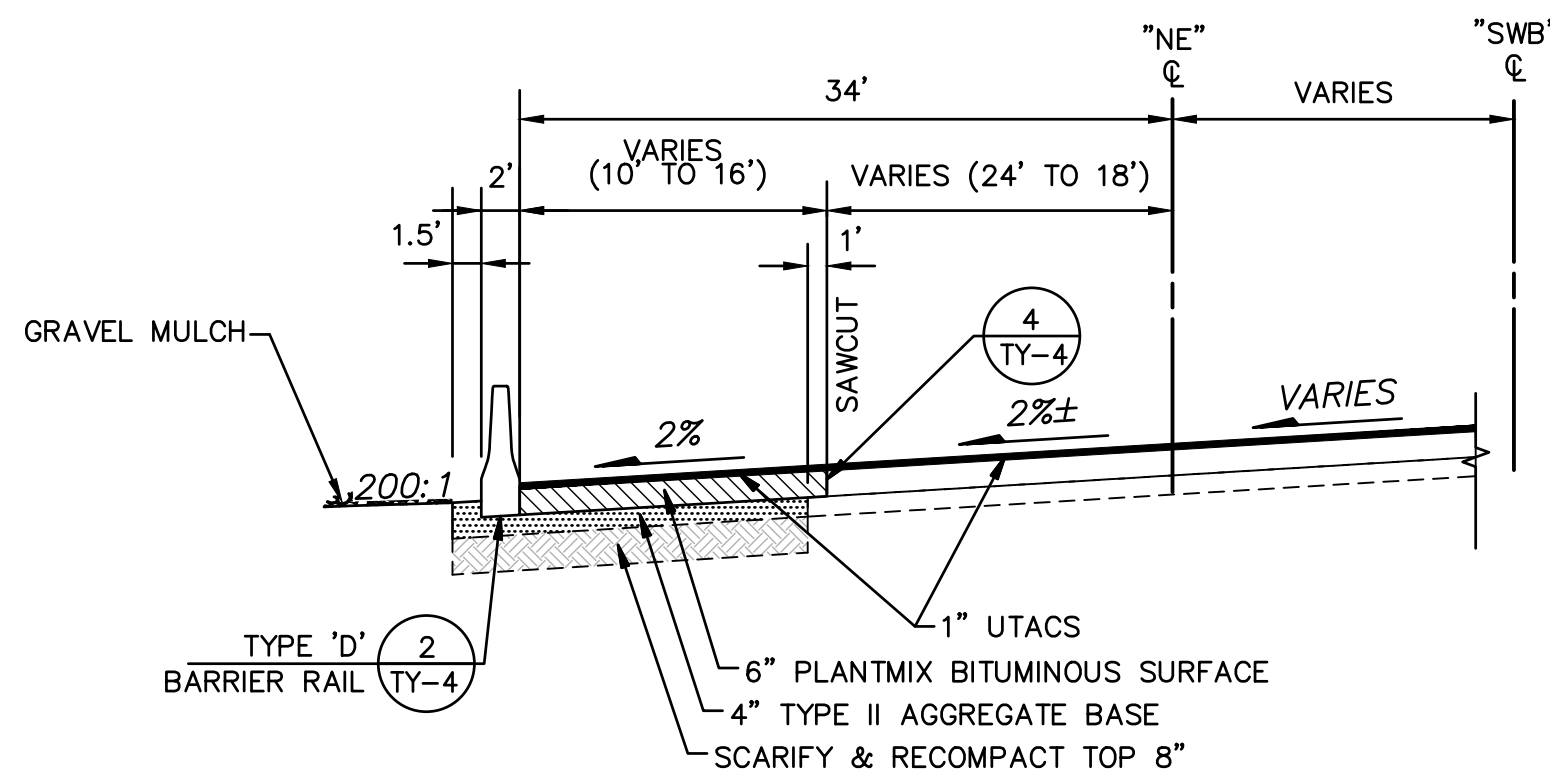
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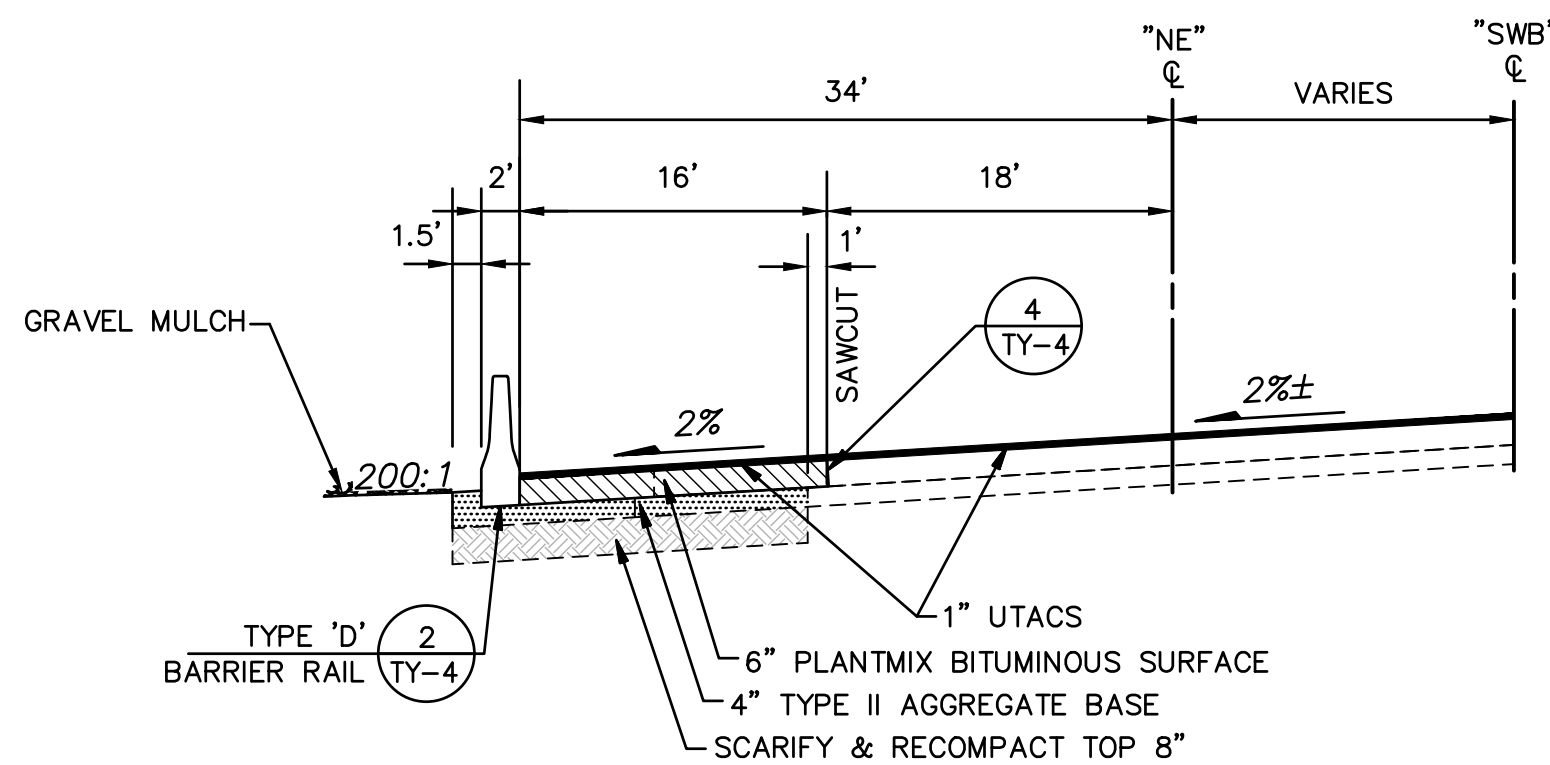
WB AUXILIARY LANE
"SWB" 441+44.33 TO "SWB" 444+43.19



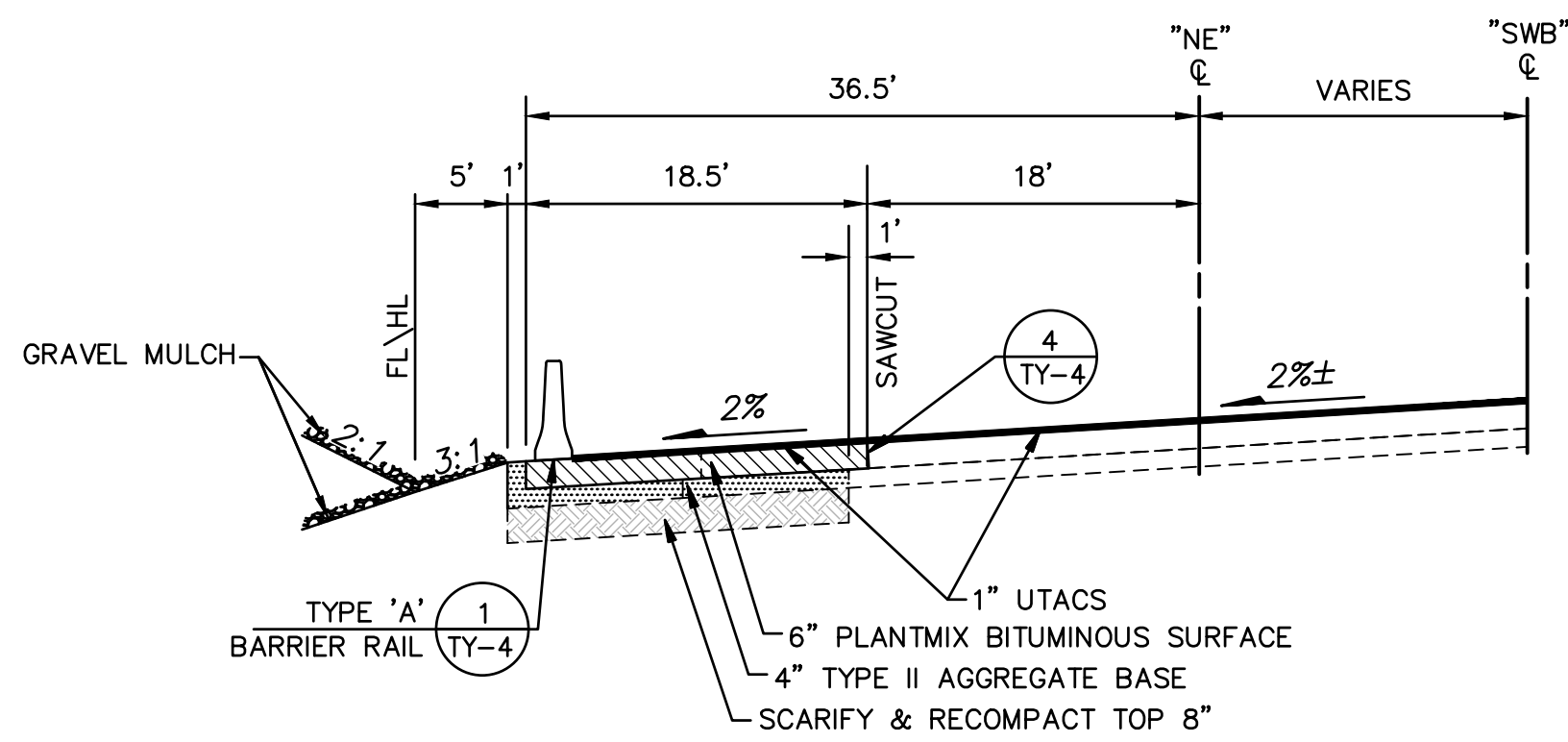
WB AUXILIARY LANE
"SWB" 444+43.19 TO "SWB" 445+16.26



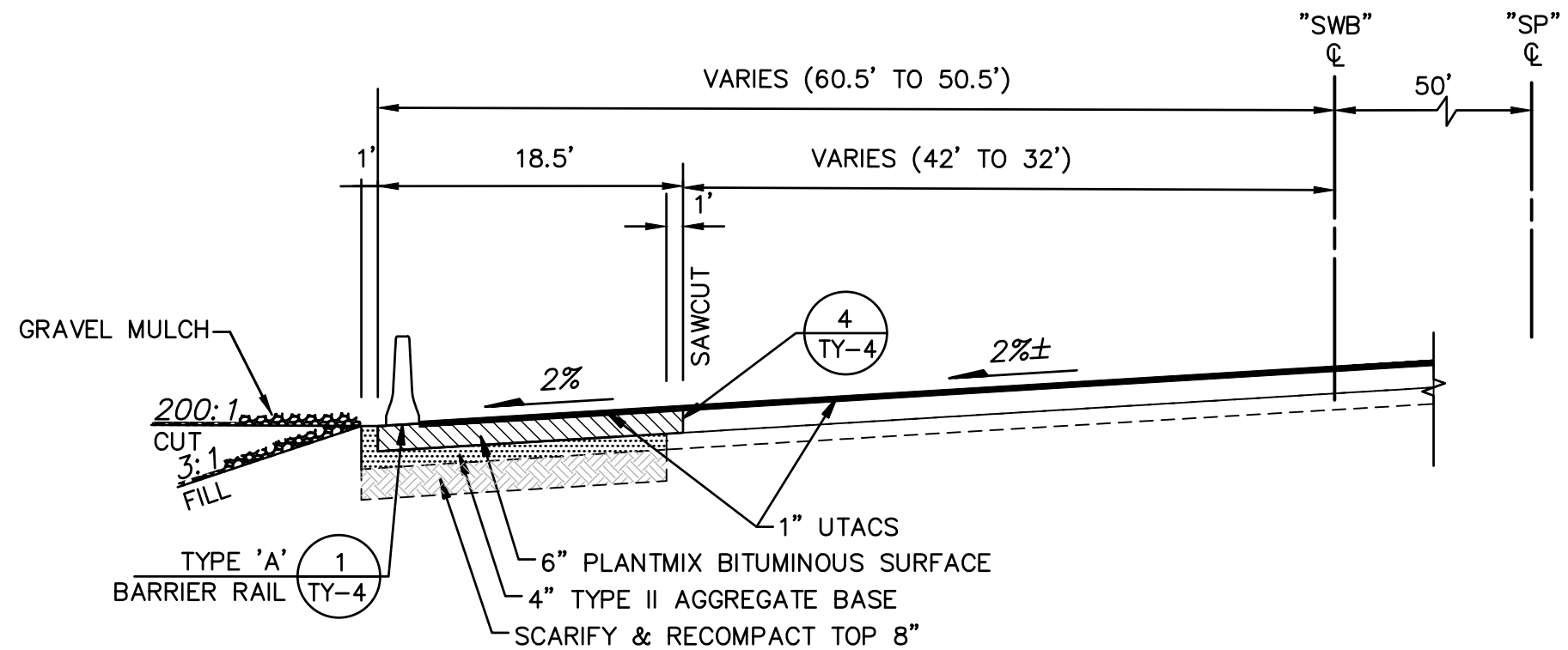
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"NE" 71+81.23 TO "NE" 73+80



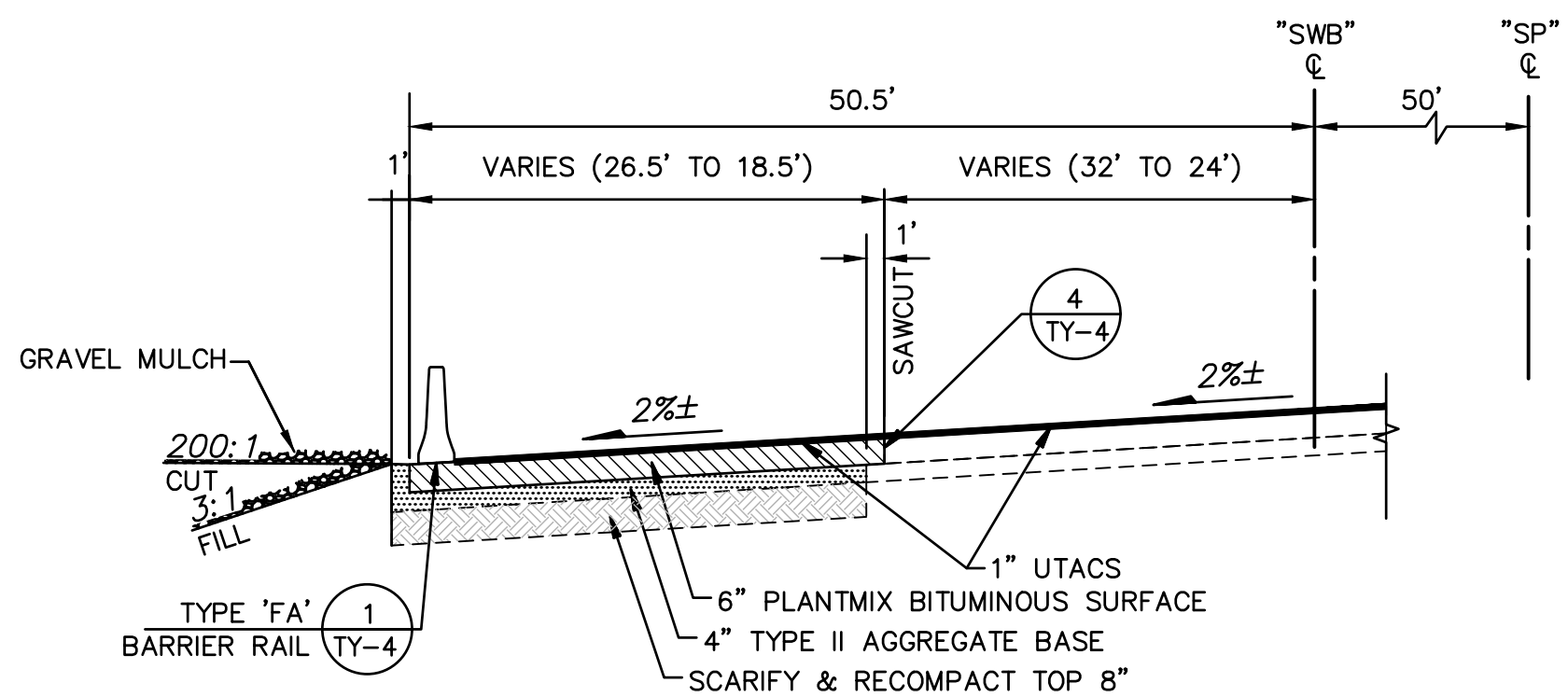
TOWN CENTER WB OFF-RAMP
"NE" 73+80 TO "NE" 74+50



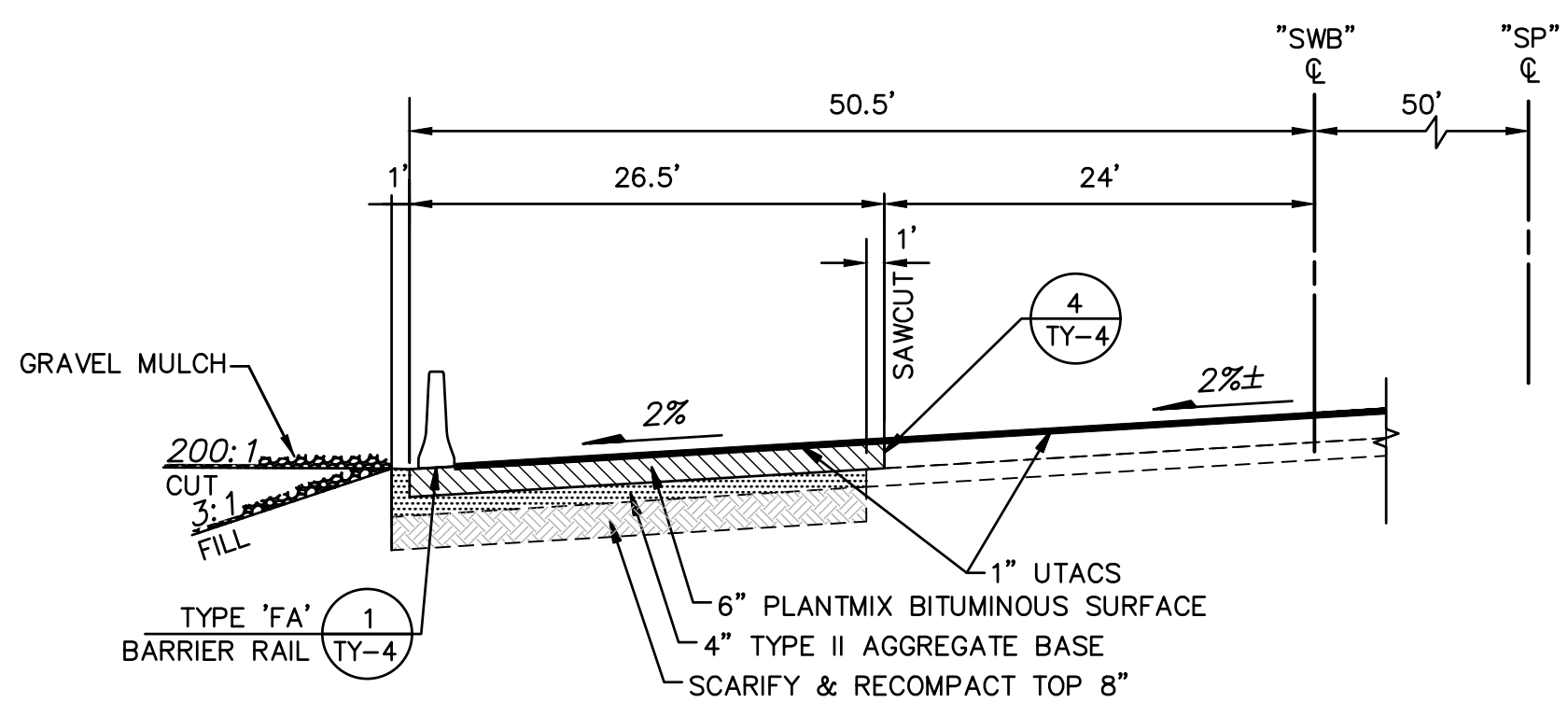
TOWN CENTER WB OFF-RAMP
"NE" 74+50 TO "NE" 77+08.58



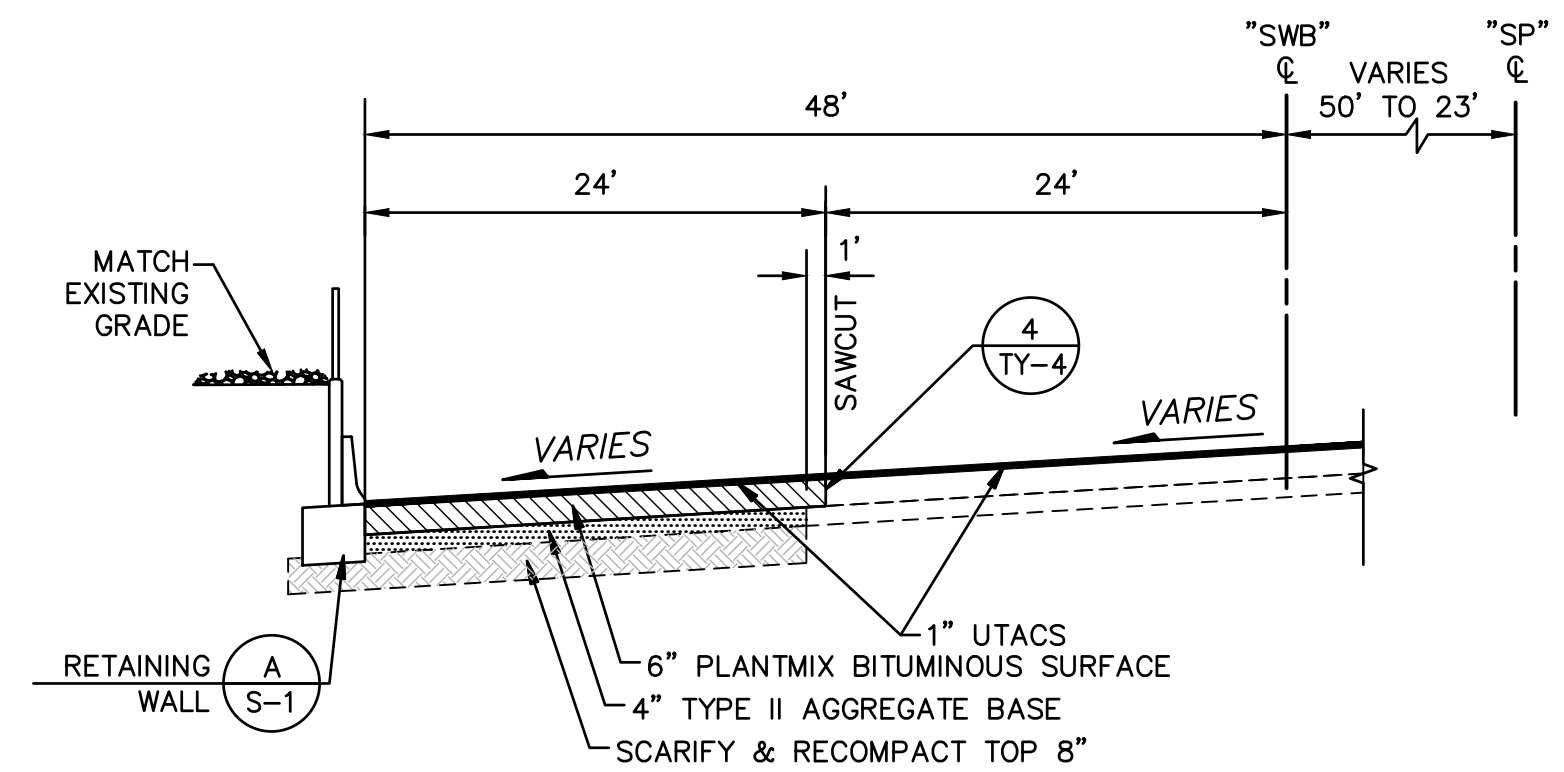
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"SWB" 448+52.89 TO "SWB" 449+97.25



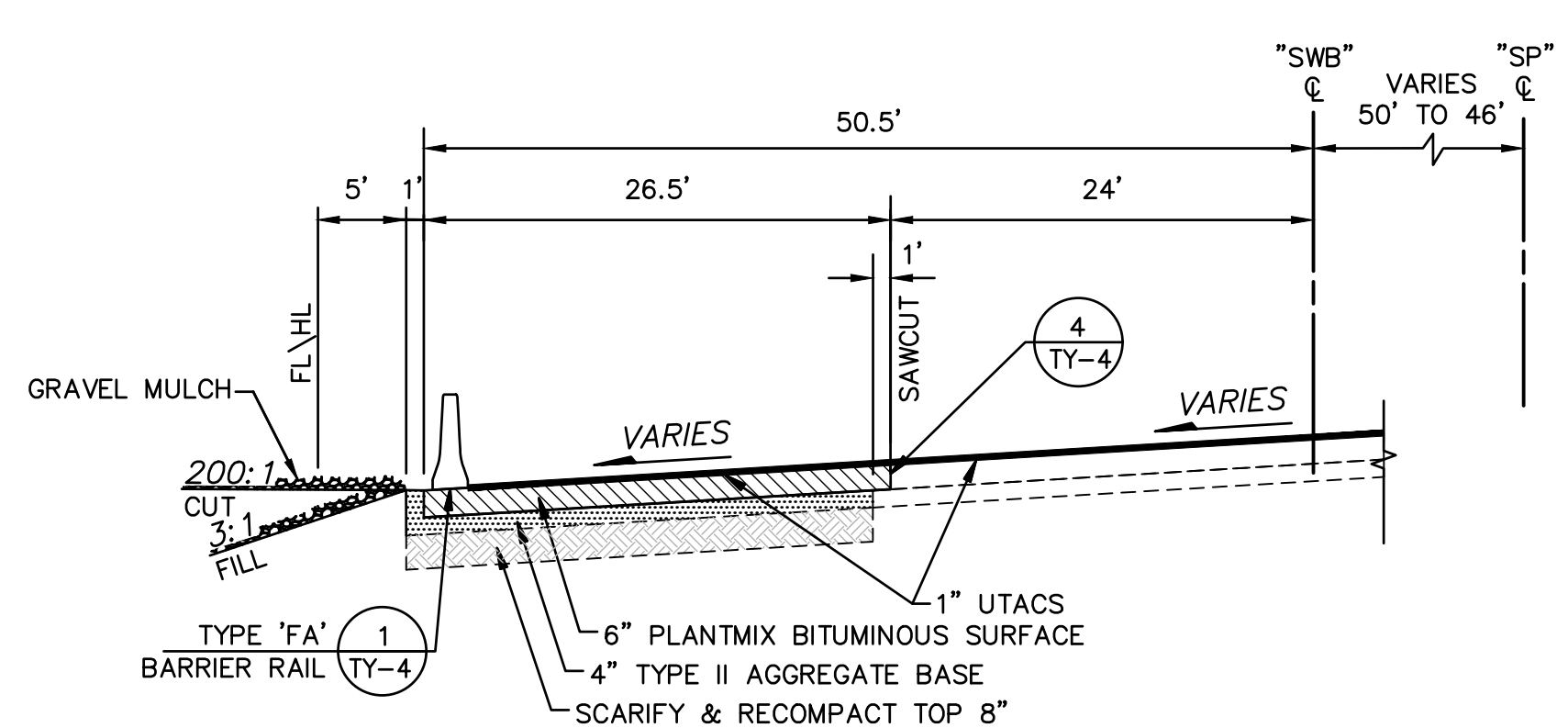
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"SWB" 449+97.25 TO "SWB" 451+11.17



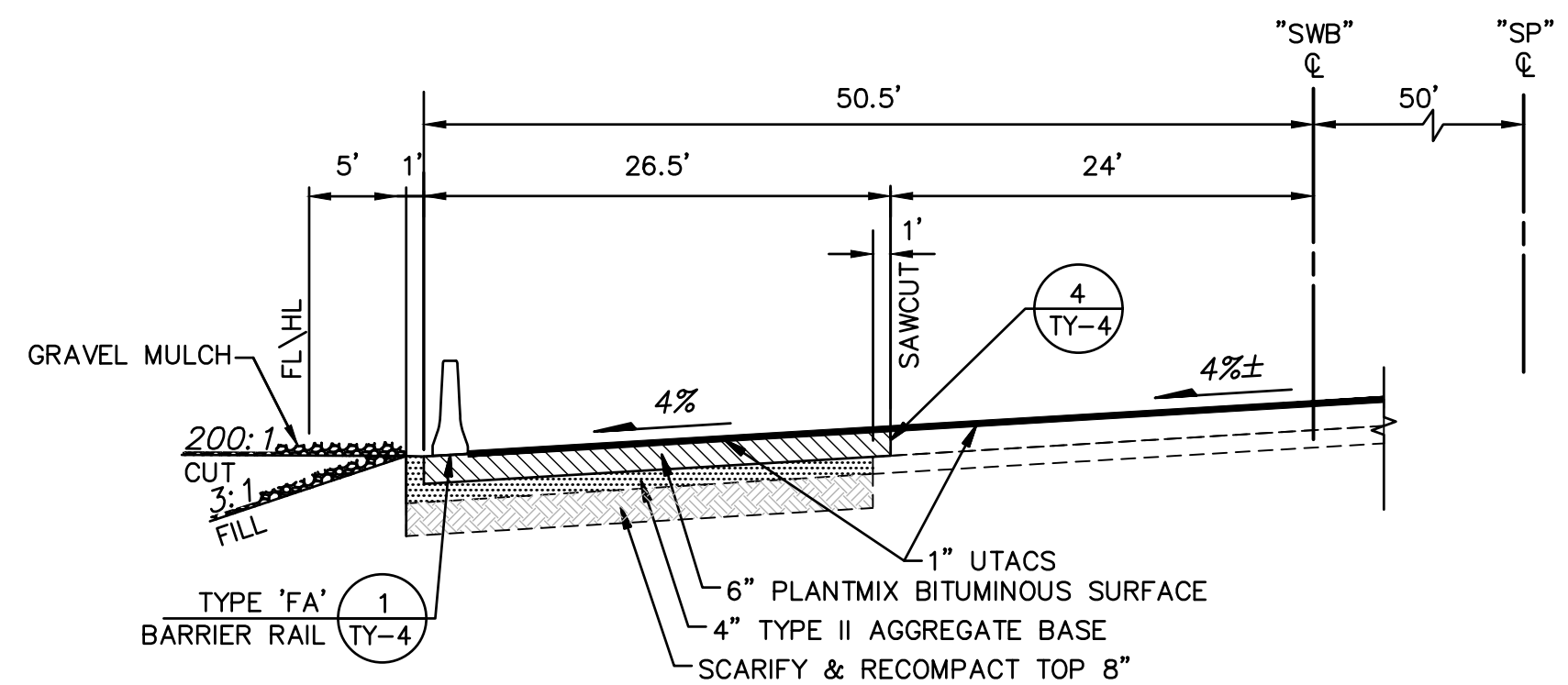
WB AUXILIARY LANE
"SWB" 451+11.17 TO "SWB" 462+40



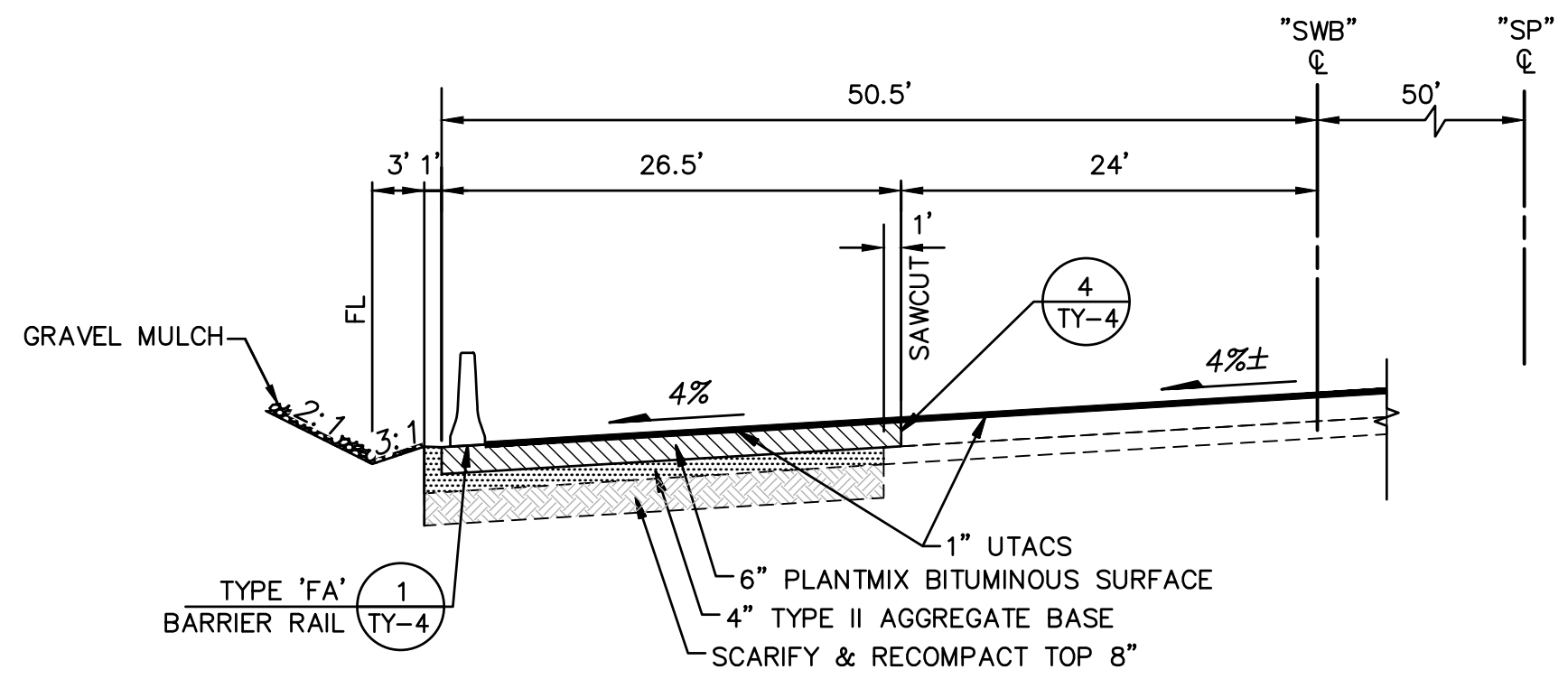
WB AUXILIARY LANE
"SWB" 462+40 TO "SWB" 466+15
"SWB" 475+35 TO "SWB" 479+20



WB AUXILIARY LANE
"SWB" 466+15 TO "SWB" 468+56.25



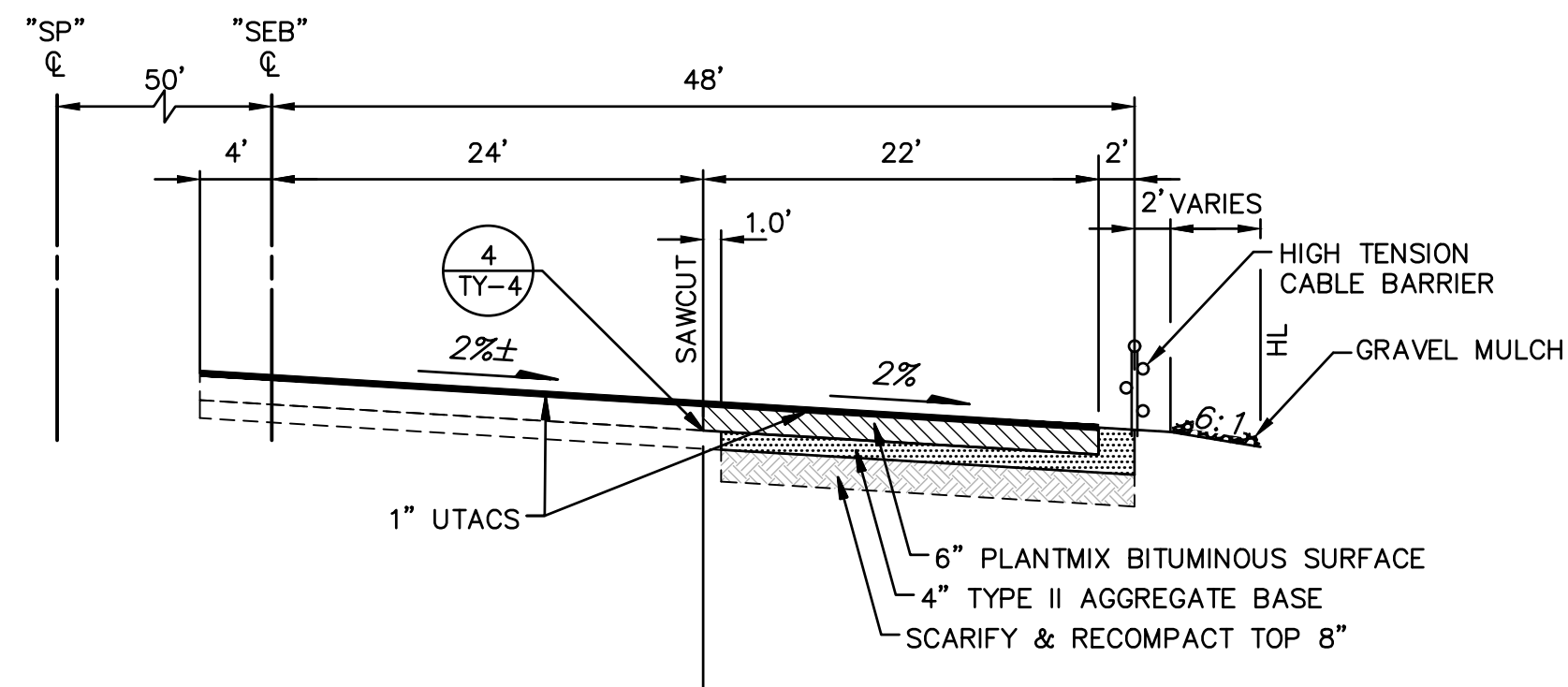
WB AUXILIARY LANE
"SWB" 468+56.25 TO "SWB" 475+35



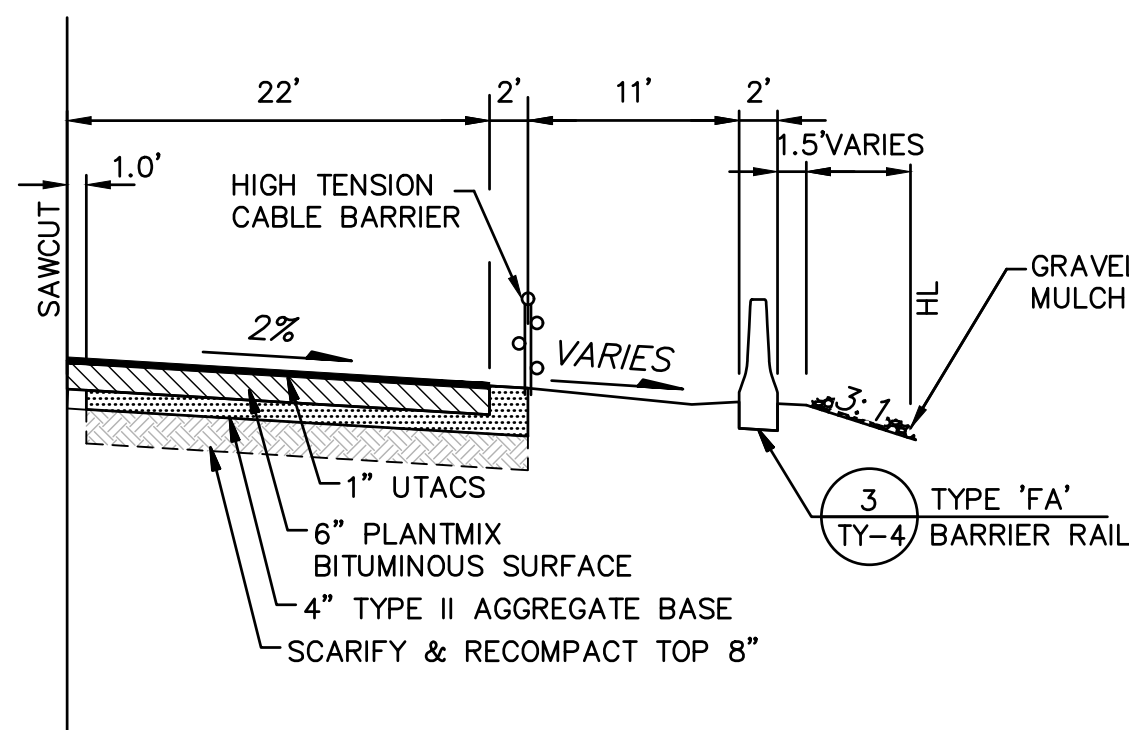
WB AUXILIARY LANE
"SWB" 479+20 TO "SWB" 483+92.54

PREPARED BY		CITY OF LAS VEGAS		DESIGNED BY: F/G		DRAWN BY: T/C		CHECKED BY: JRT	
HAISEN NO. 67066		BID# 1767056		DATE: 8/17/2017		SUBMITTAL STAGE: FINAL			
TITLE		SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3		SHEET		TYPICAL SECTIONS - WB TCD - RAMPART AUX LANE			
ENGINEER		JOHN R. TOBIN		Exp. 06/30/2018		CIVIL		No. 8150	
SHEET		TY-2		11 OF 95		DRAWING NO.		107V6438-3	

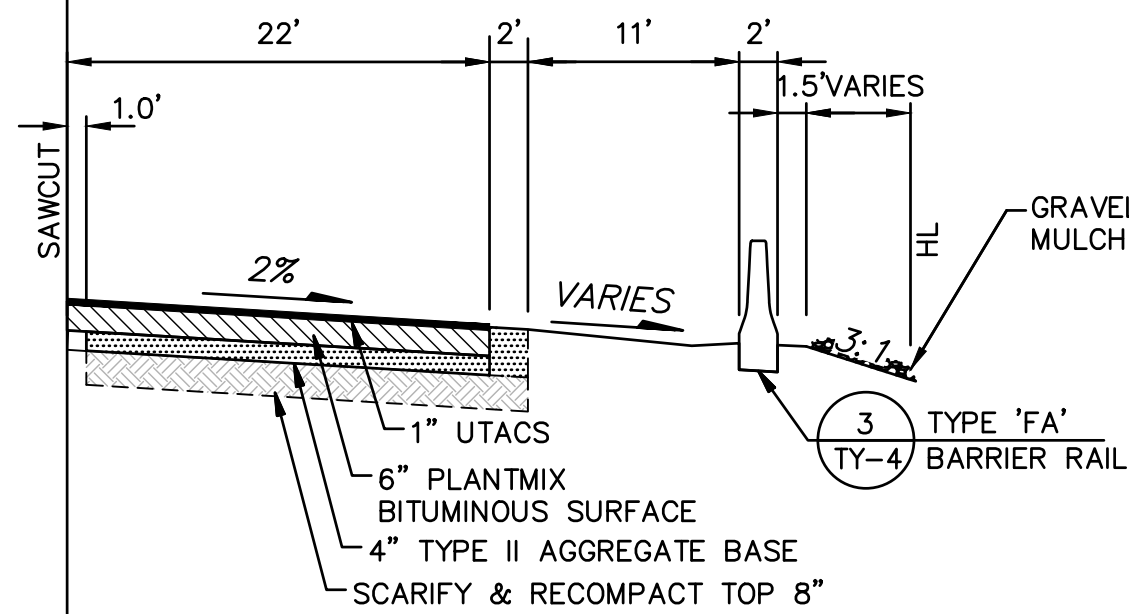
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"SEB" 451+50 TO "SEB" 459+40

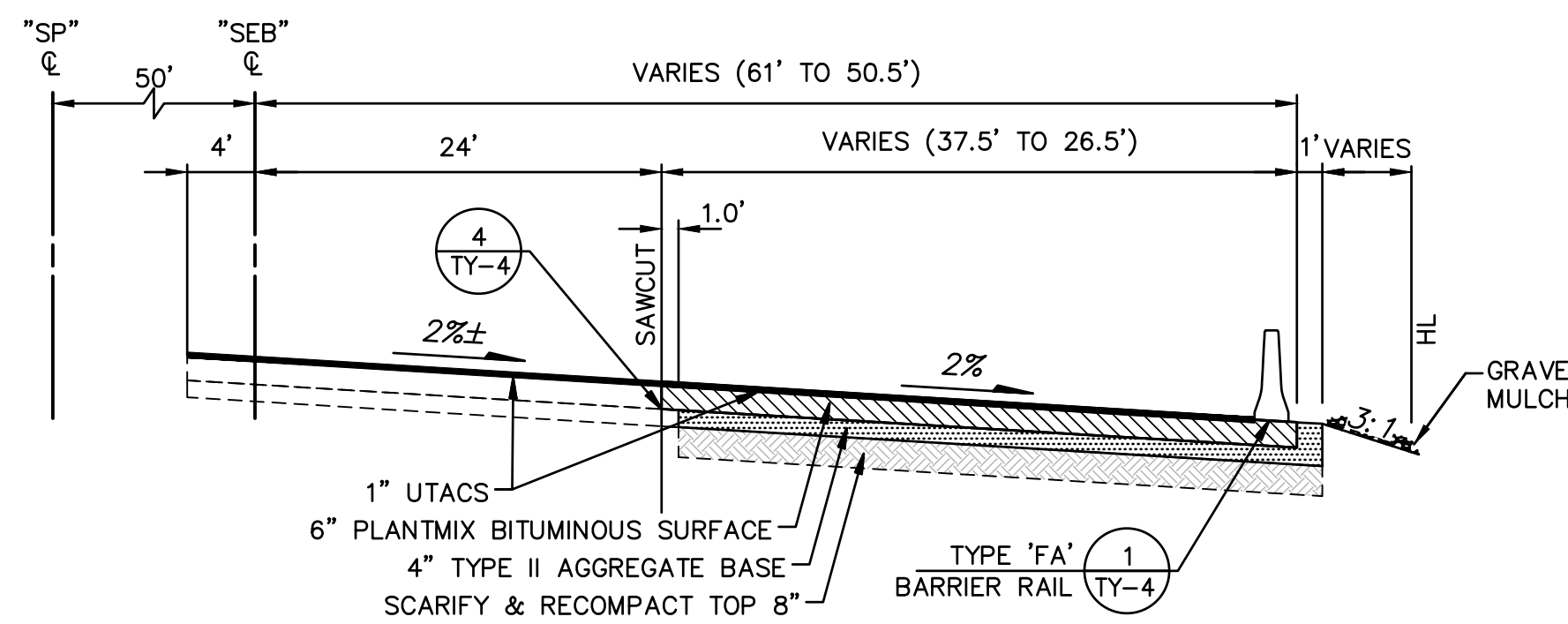


"SEB" 459+40 TO "SEB" 459+71

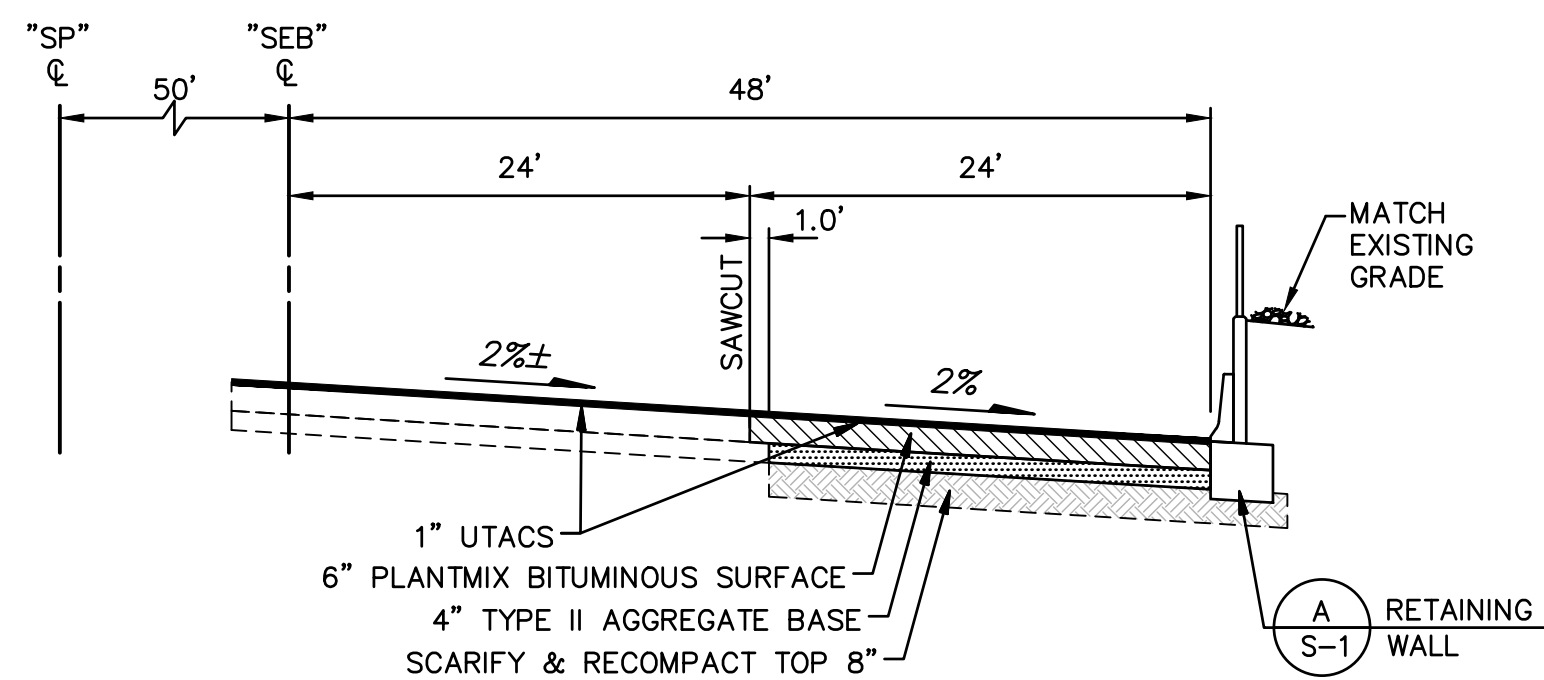


"SEB" 459+71 TO "SEB" 459+80

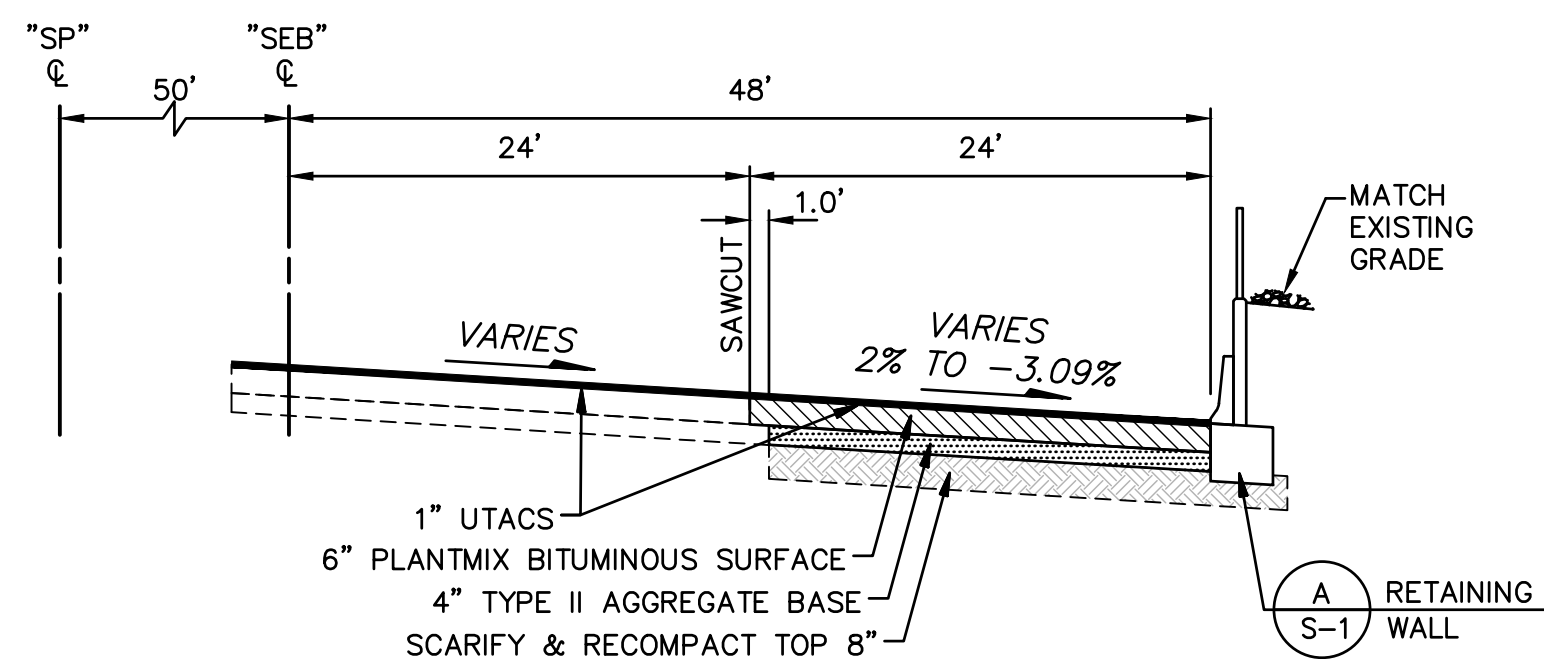
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"SEB" 451+50 TO "SEB" 459+80



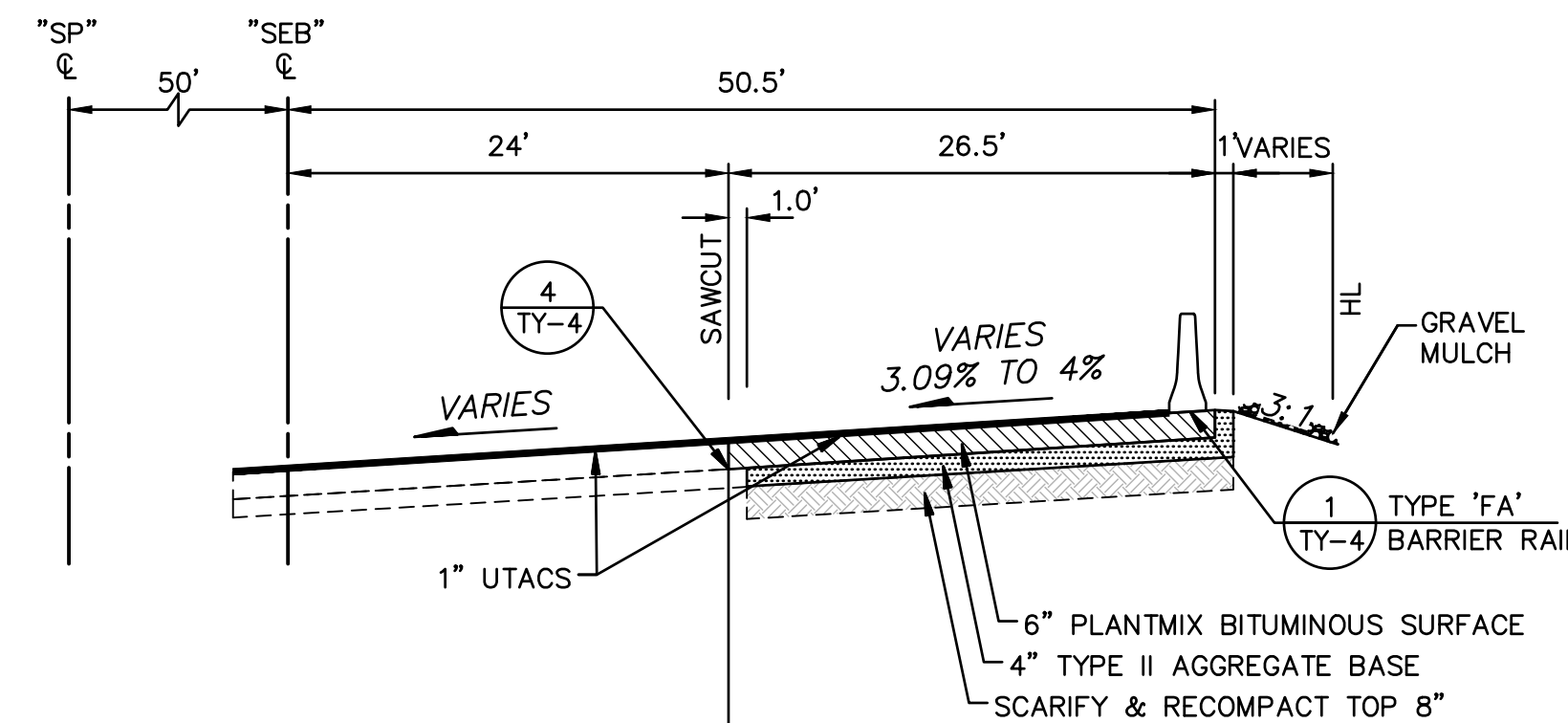
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"SEB" 459+80 TO "SEB" 462+00



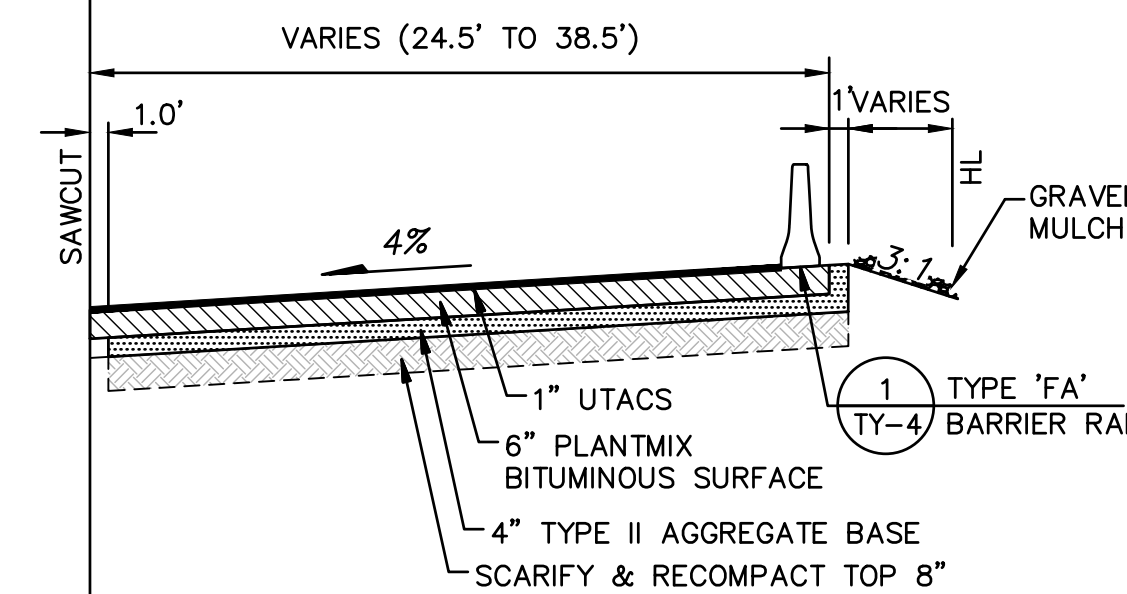
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"SEB" 462+00 TO "SEB" 462+32.96



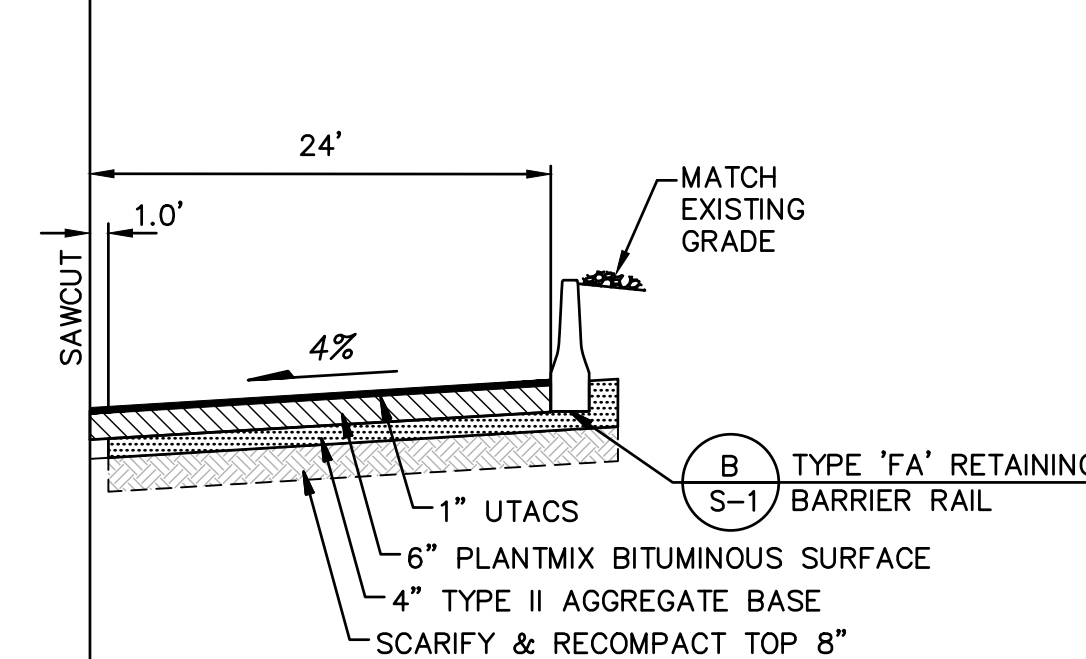
EB AUXILIARY LANE
"SEB" 462+32.96 TO "SEB" 465+80



"SEB" 465+80 TO "SEB" 466+40.96



"SEB" 466+40.96 TO "SEB" 475+20
"SEB" 478+91 TO "SEB" 481+97.42



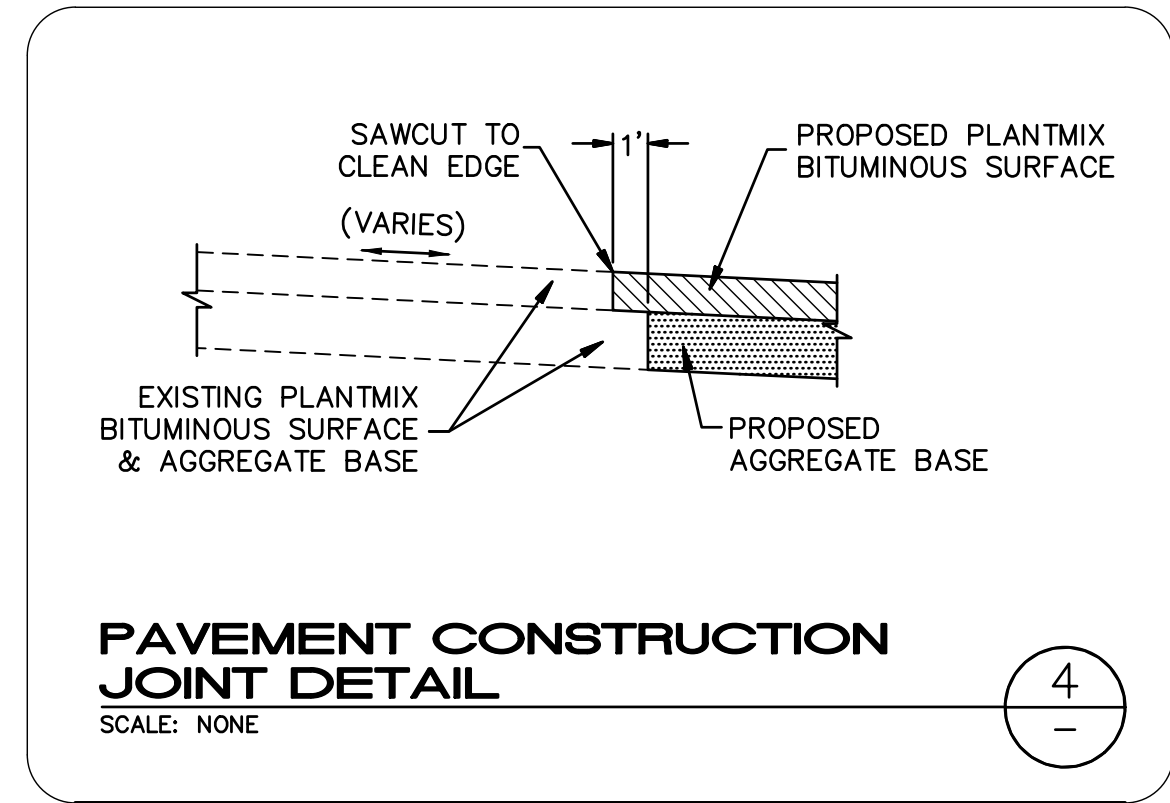
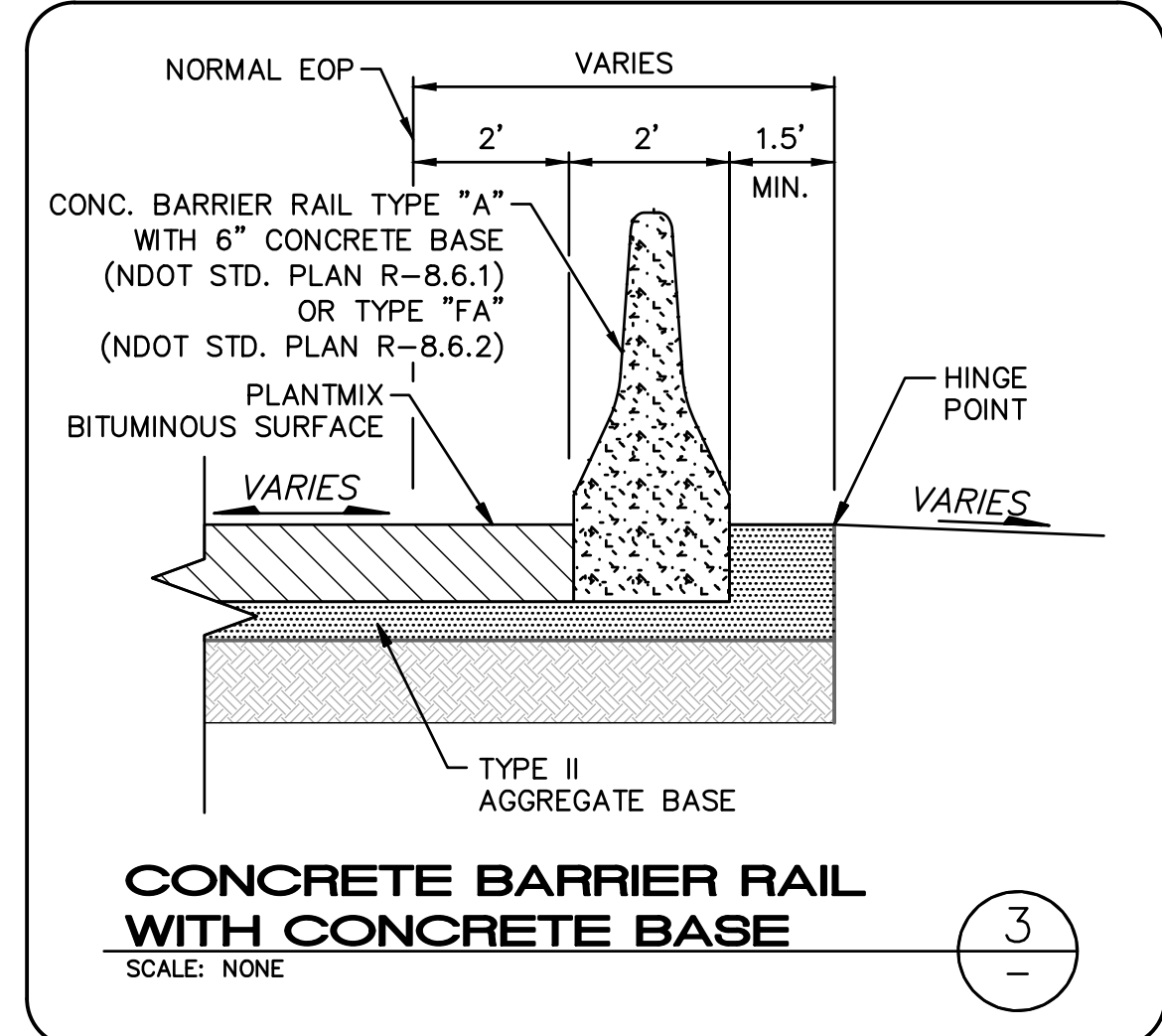
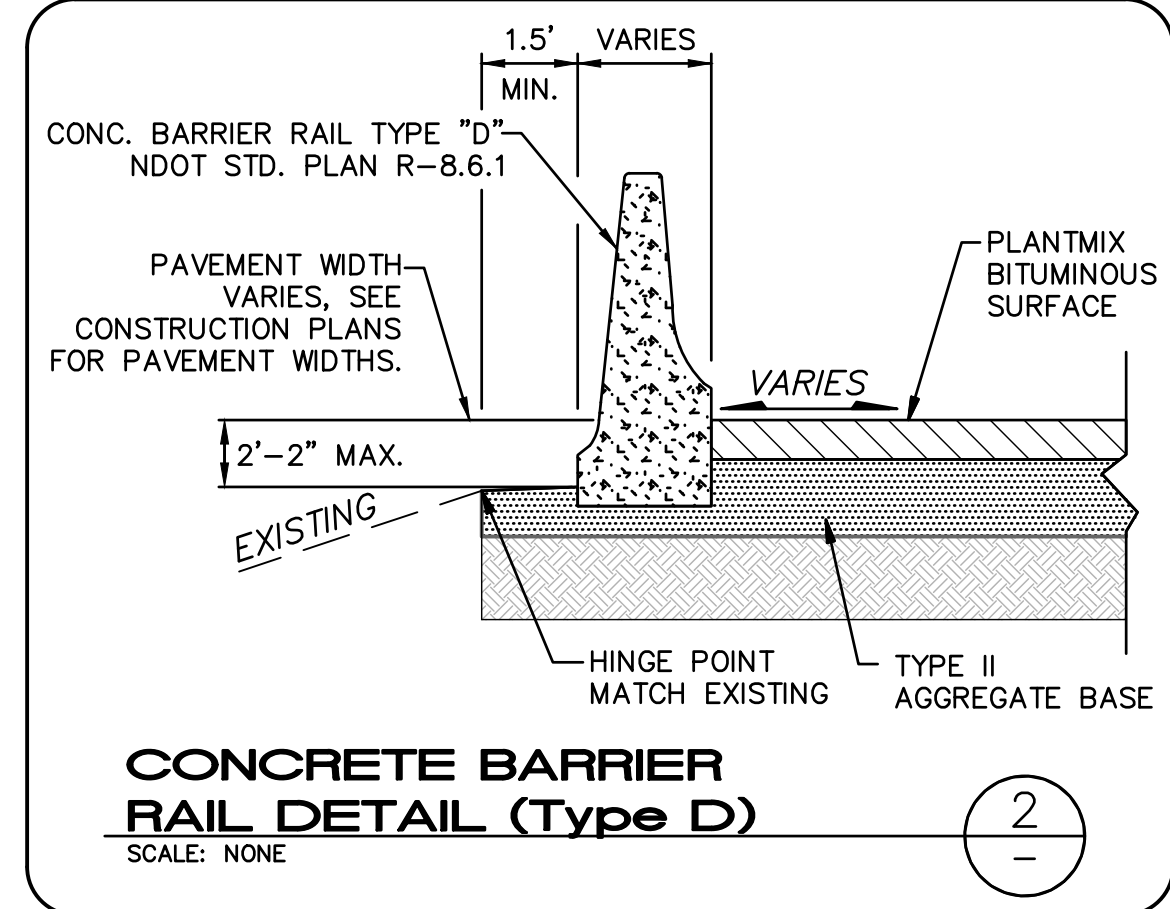
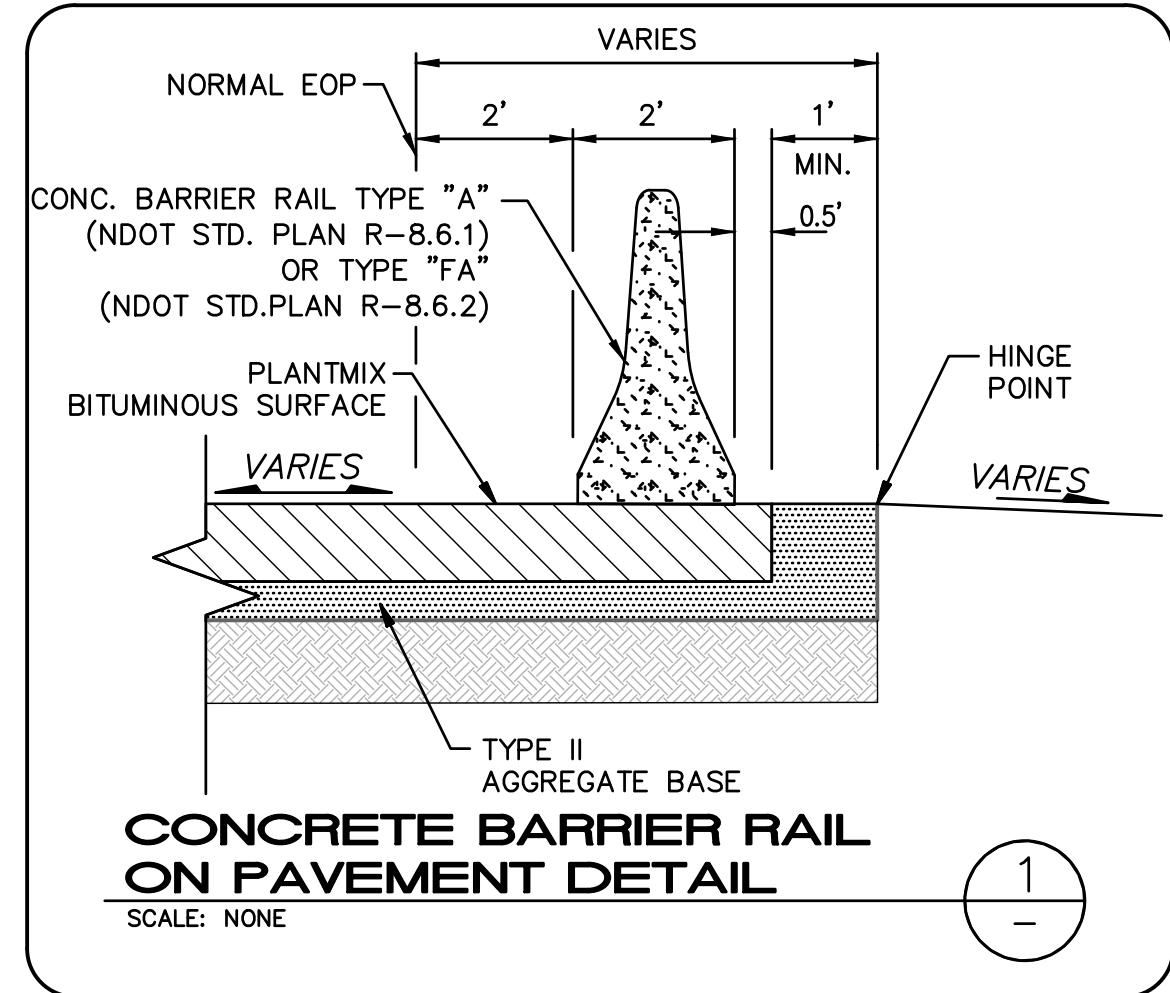
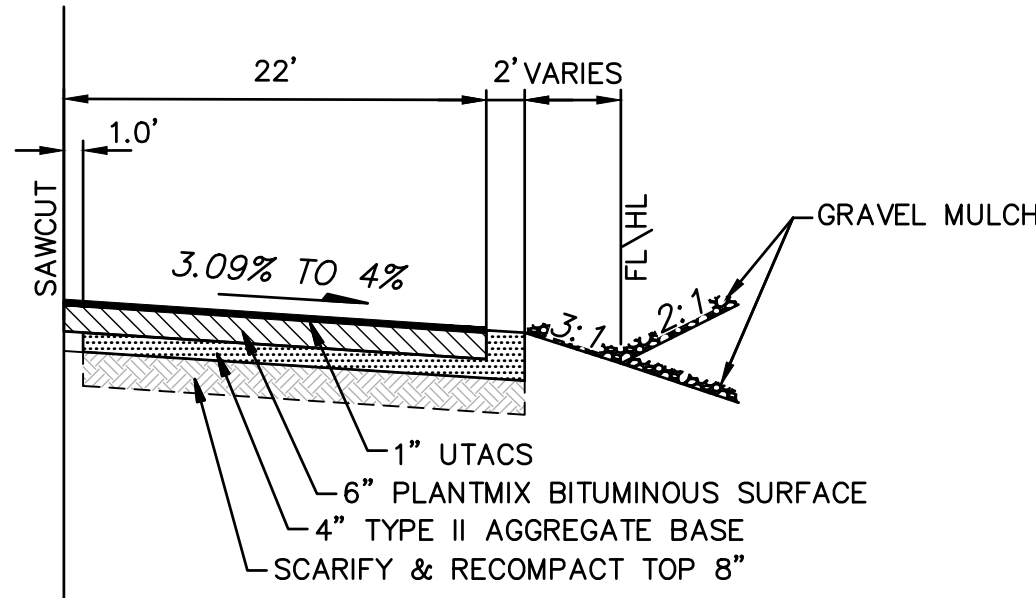
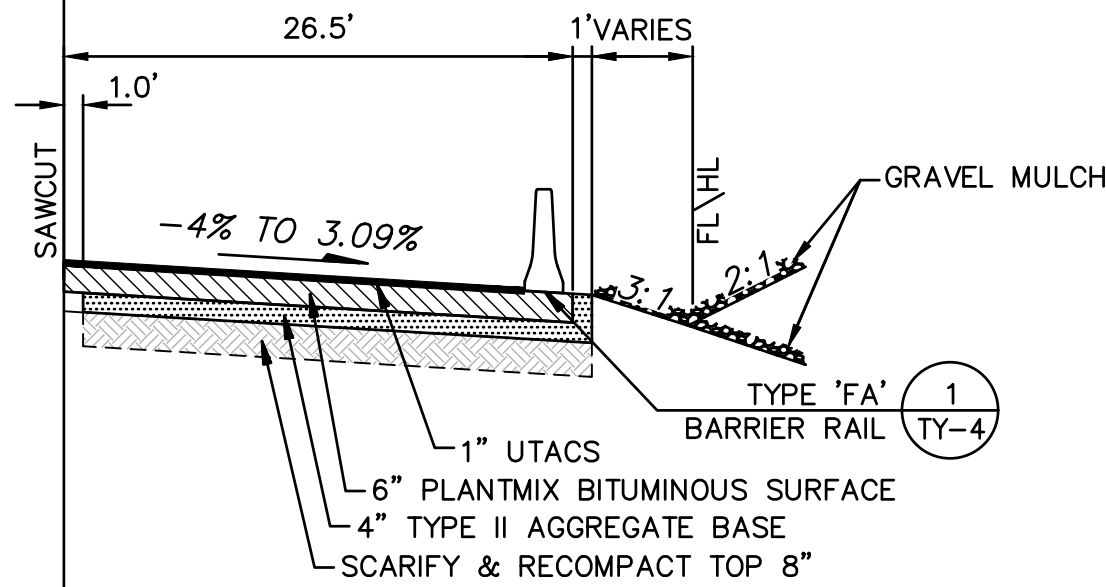
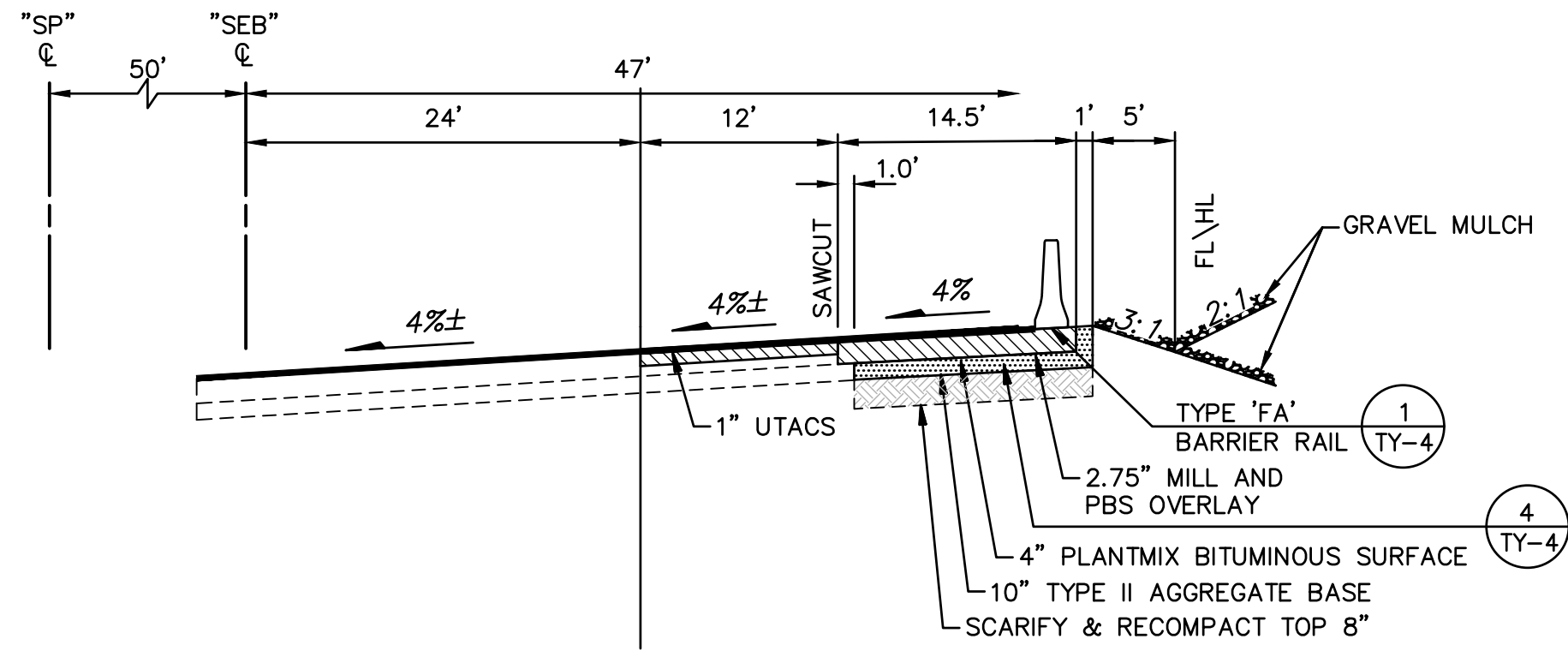
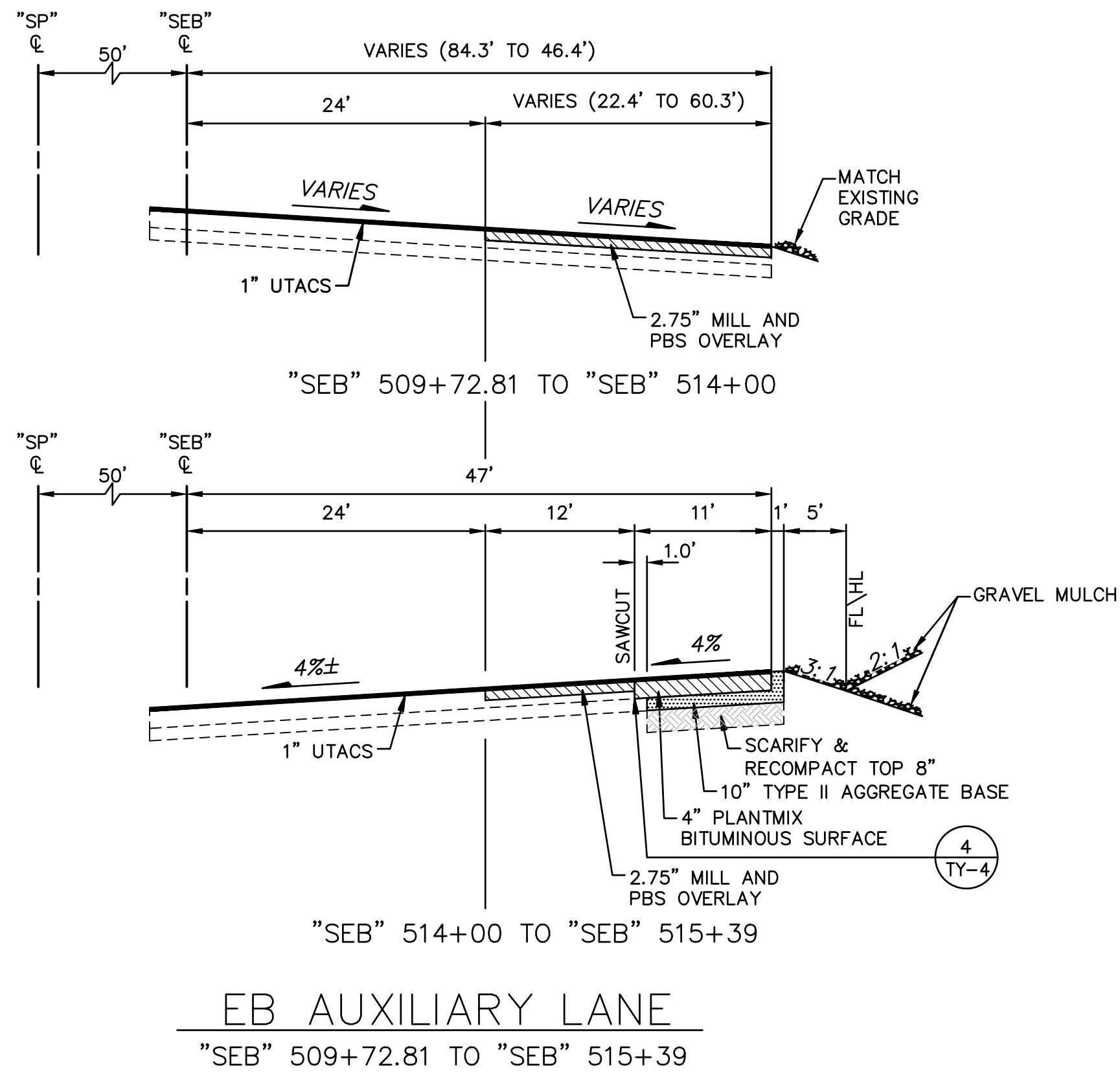
"SEB" 475+20 TO "SEB" 478+91

EB AUXILIARY LANE
"SEB" 465+80 TO "SEB" 481+97.40

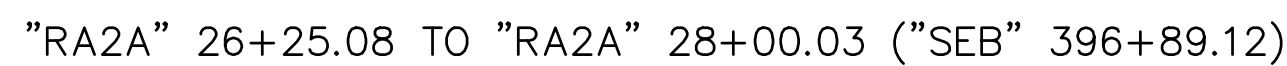
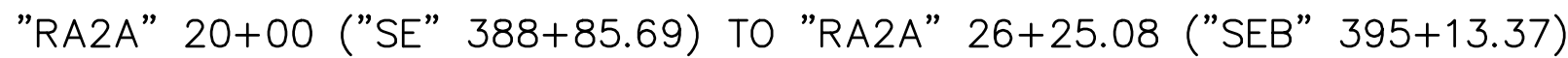
SEE S-2 FOR SECTION DETAIL
FOR "SEB" 481+97.40 TO "SEB" 487+50

TITLE		SHEET		NO.		DATE		REVISIONS	
SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3		TY-3		12		OF		95	
EB TCD - RAMPART AUX LANE		DRAWING NO.		107V6438-3					
PREPARED FOR		CITY OF LAS VEGAS		DESIGNED BY: F/G		DRAWN BY: T/C		CHECKED BY: JRT	
HAISEN NO. 67066		DATE: 8/17/2017		SUBMITTAL STAGE: FINAL					
PREPARED BY		GCM		1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146 P: 702.884.2200 F: 702.884.2289 gcmengineering.com					
ENGINEER'S SURVEYORS									
PROFESSIONAL ENGINEER - STATE OF NEVADA		JOHN R. TOBIN		Exp. 06/30/2018		CIVIL		No. 8150	
7/20/17									

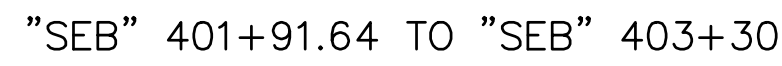
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PREPARED BY		CITY OF LAS VEGAS		DESIGNED BY: F/G		DRAWN BY: TJC		CHECKED BY: JRT	
HAISEN NO. 67066		DATE: 8/17/2017		SUBMITTAL STAGE: FINAL		NO.		DATE	
1555 S. RAINBOW BLVD. LAS VEGAS, NV 89146 T: 702.894.2200 F: 702.894.2289 gcnengineering.com		ENGINEER'S SURVEYORS		NO.		DATE		REVISIONS	
TITLE		SHEET		NO.		DATE		REVISIONS	
SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3		TYPICAL SECTIONS - EB RAMPART DURANGO AUX LANE & CBR DETAILS		NO.		DATE		REVISIONS	
SHEET		TY-4		NO.		DATE		REVISIONS	
13 OF 95		DRAWING NO.		107V6438-3		NO.		DATE	



"SEB" 388+85.69 TO "SEB" 399+50



"SEB" 399+50 TO "SEB" 404+91.38

NO.		DATE	REVISIONS
SUMMERLIN PARKWAY TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS / PHASE 3			

REPAIRED FOR
CITY OF LAS VEGAS

ANSEN NO. 67056	BID# 17,67056
-----------------	---------------

DATE: 9/17/2017	DESIGNED BY: EIC
-----------------	------------------

DATE: 6/17/2017	DESIGNED BY: JWG
PERMIT NO.	REVISIONS

FINAL

SUBMITTAL STAGE: DRAWN BY: IJC

SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3

TYPICAL SECTIONS - WEB ANASAZI ON-RAMP



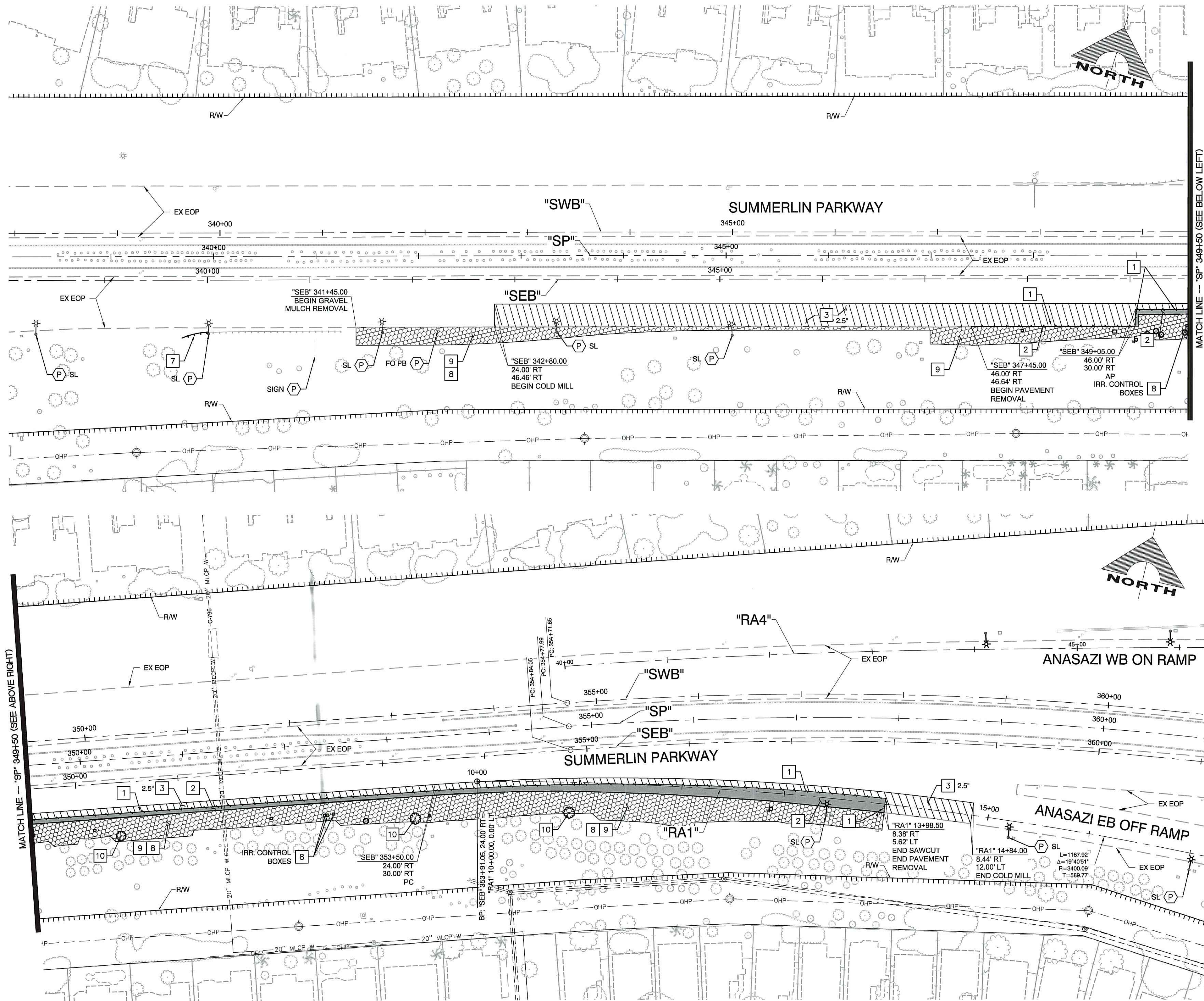
SHEET

TY-5

14 OF 95

DRAWING NO.
107V6438-3

7/20/2017 3:07 PM F:\PROJECTS\400\412-658\DWG\PRODUCTION\H4646-C-04-R.DWG TIM CLARK



50 0 50 100 SCALE FEET		
CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
	F.A.S.T.	702-432-5300
BEFORE YOU UNDERGROUND	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

REMOVAL NOTES

- 1 SAWCUT AND MATCH EXISTING (NO DIRECT PAYMENT)
- 2 REMOVE PLANTMIX BITUMINOUS PAVEMENT
- 3 REMOVE BITUMINOUS PAVEMENT (COLD MILL, DEPTH PER PLAN)
- 4 COLD MILL (0-INCH TO 1-INCH)
- 5 REMOVE CONCRETE PAVEMENT
- 6 REMOVE GUARDRAIL
- 7 REMOVE END TERMINAL
- 8 MODIFY IRRIGATION SYSTEM
- 9 REMOVE GRAVEL MULCH
- 10 REMOVE TREE/STUMP
- 11 REMOVE MSE WALL, CAP & RAILING
- 12 REMOVE TRAIL BRIDGE, APPROACH SLABS, AND RAIL (SEE SHEET S-2 AND S-3)
- 13 ABANDON STREET LIGHT CONDUIT IN PLACE (NO DIRECT PAYMENT)
- 14 REMOVE BEEHIVE DROP INLET
- 15 REMOVE VEGETATION (PAYMENT UNDER CLEARING AND GRUBBING)
- (P) PROTECT IN PLACE. GRADE CLEAR OF TREES (6'±) AS DIRECTED BY THE ENGINEER (NO DIRECT PAYMENT)

LEGEND

- REMOVE PLANTMIX BITUMINOUS PAVEMENT
- REMOVE CONCRETE PAVEMENT
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- REMOVE BITUMINOUS PAVEMENT (0-INCH TO 1-INCH COLD MILL) SEE NOTE 8

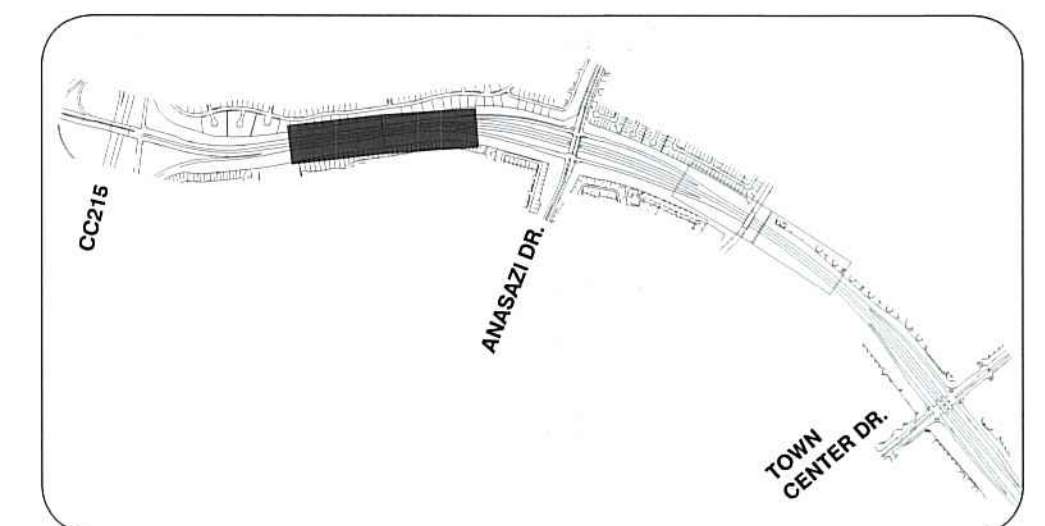
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 5. TREES AND SHRUBS OUTSIDE OF SPECIFIED REMOVAL AREAS SHALL BE PROTECTED IN PLACE.
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UTILITY DISCLAIMER:

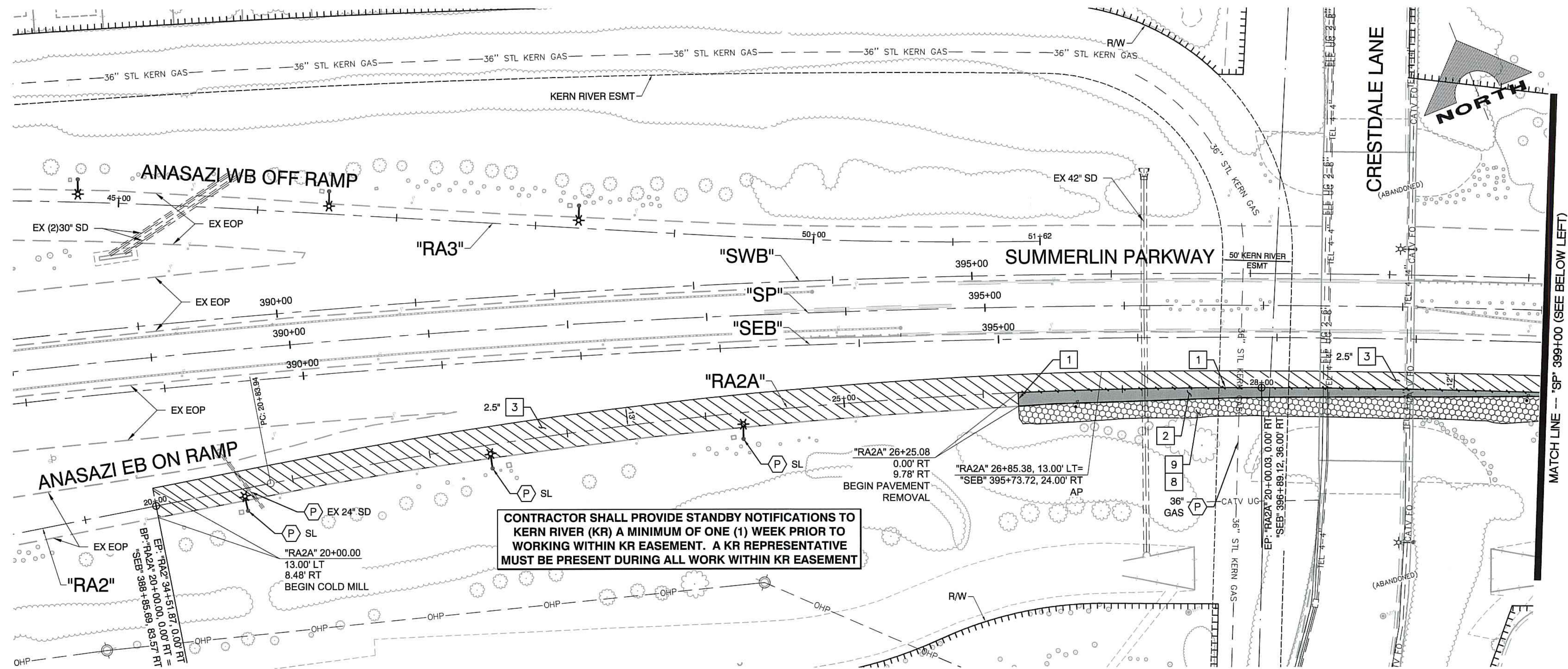
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APPROVED FOR CONSTRUCTION

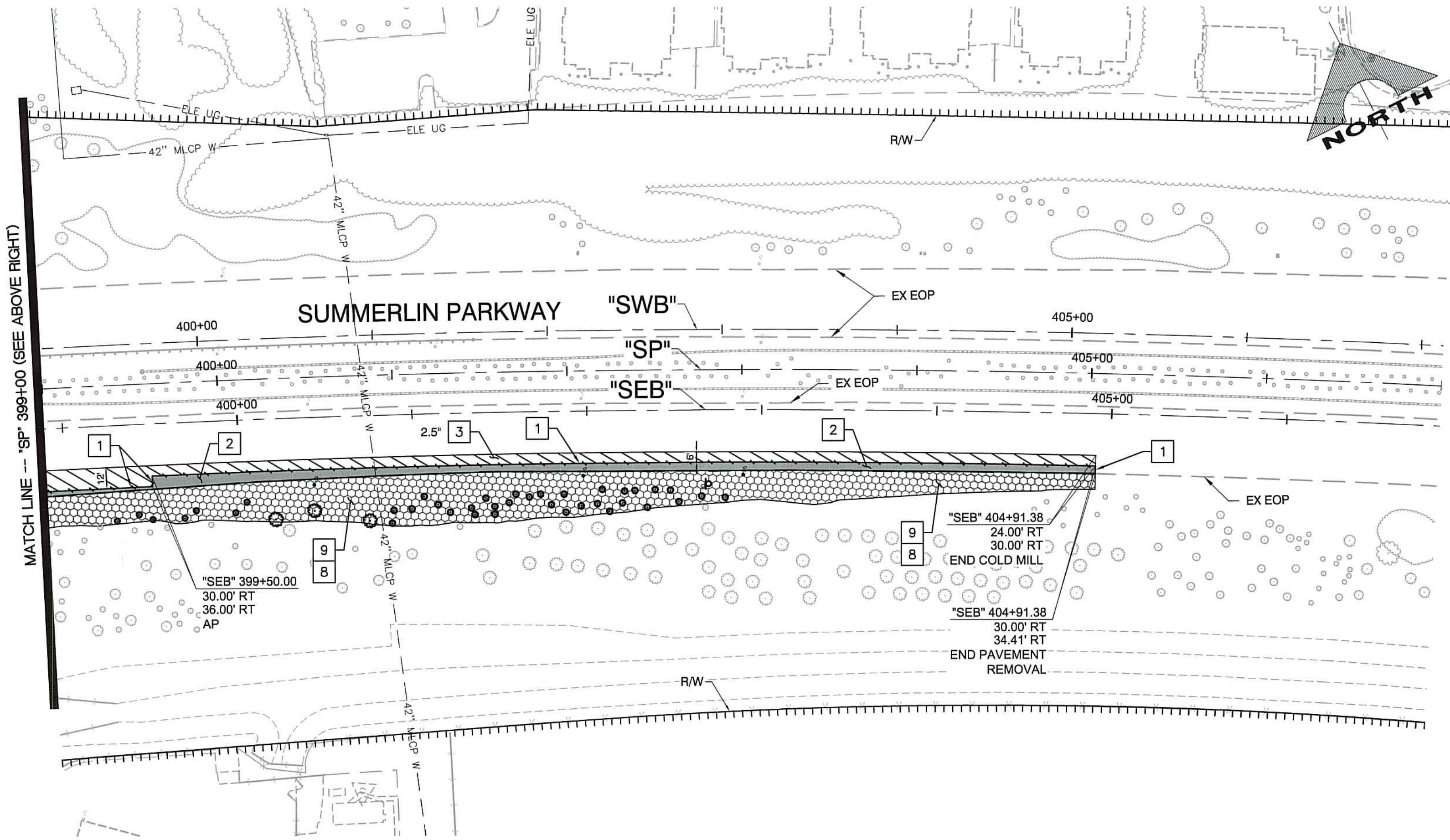
DISHARI, ER, JRM
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 7/25/17 PROJECT# 125198



PREPARED BY		CITY OF LAS VEGAS		HANSSEN NO. 67056		DATE: 7/20/2017		SUBMITTAL STAGE: FINAL		DESIGNED BY: F.J.G.		DRAWN BY: T.C.J.		CHECKED BY: J.R.T.		REVISIONS	
NO.		DATE		NO.		DATE		NO.		DATE		NO.		DATE		NO.	
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CONTRACTOR SHALL PROVIDE STANDBY NOTIFICATIONS TO KERN RIVER (KR) A MINIMUM OF ONE (1) WEEK PRIOR TO WORKING WITHIN KR EASEMENT. A KR REPRESENTATIVE MUST BE PRESENT DURING ALL WORK WITHIN KR EASEMENT



CALL BEFORE CONSTRUCTION

BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
	F.A.S.T.	702-432-5300
BEFORE YOU UNDERGROUND	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

REMOVAL NOTES

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- 6 REMOVE GUARDRAIL
- 7 REMOVE END TERMINAL
- 8 MODIFY IRRIGATION SYSTEM
- 9 REMOVE GRAVEL MULCH
- 10 REMOVE TREE/STUMP
- 11 REMOVE MSE WALL, CAP & RAILING
- 12 REMOVE TRAIL BRIDGE, APPROACH SLABS, AND RAIL (SEE SHEET S-2 AND S-3)
- 13 ABANDON STREET LIGHT CONDUIT IN PLACE (NO DIRECT PAYMENT)
- 14 REMOVE BEEHIVE DROP INLET
- 15 REMOVE VEGETATION (PAYMENT UNDER CLEARING AND GRUBBING)
- (P) PROTECT IN PLACE. GRADE CLEAR OF TREES (6'±) AS DIRECTED BY THE ENGINEER (NO DIRECT PAYMENT)

LEGEND

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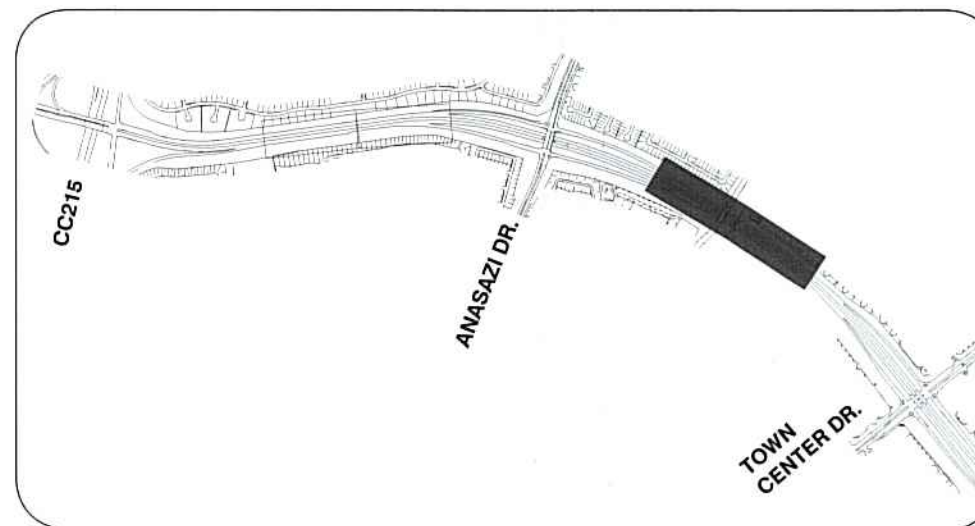
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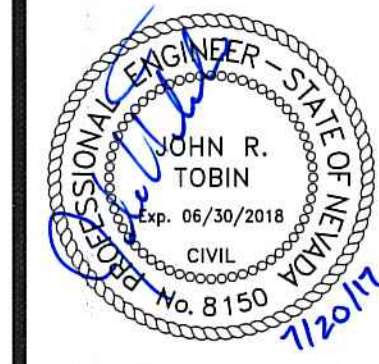
APPROVED FOR CONSTRUCTION

H. D. SHARIF
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 7/25/17 PROJECT# 125198



PREPARED BY
CITY OF LAS VEGAS
SUMMERLIN PARKWAY - TRAFFIC CAPACITY AND SAFETY IMPROVEMENTS PHASE 3

TITLE SHEET

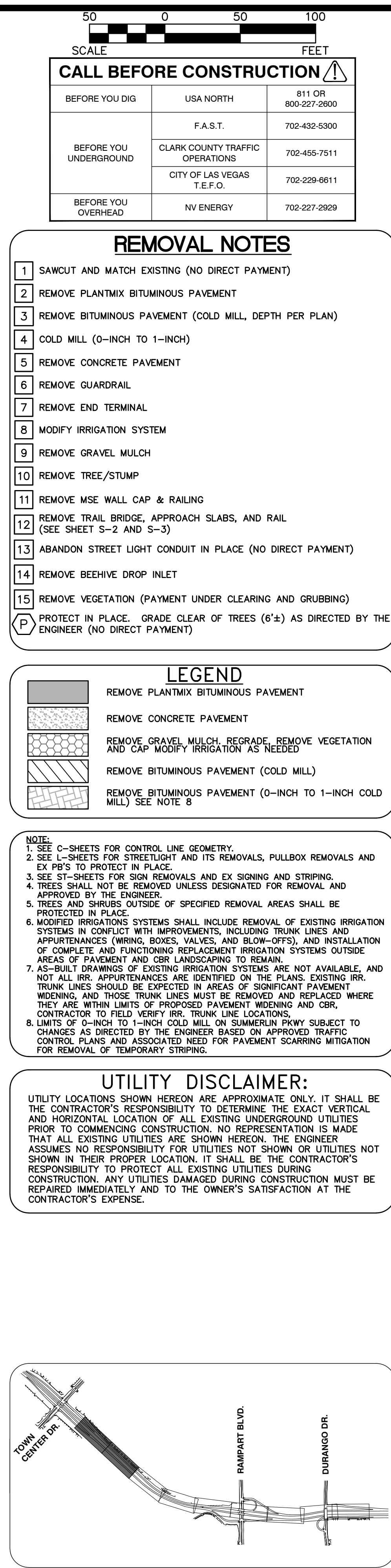
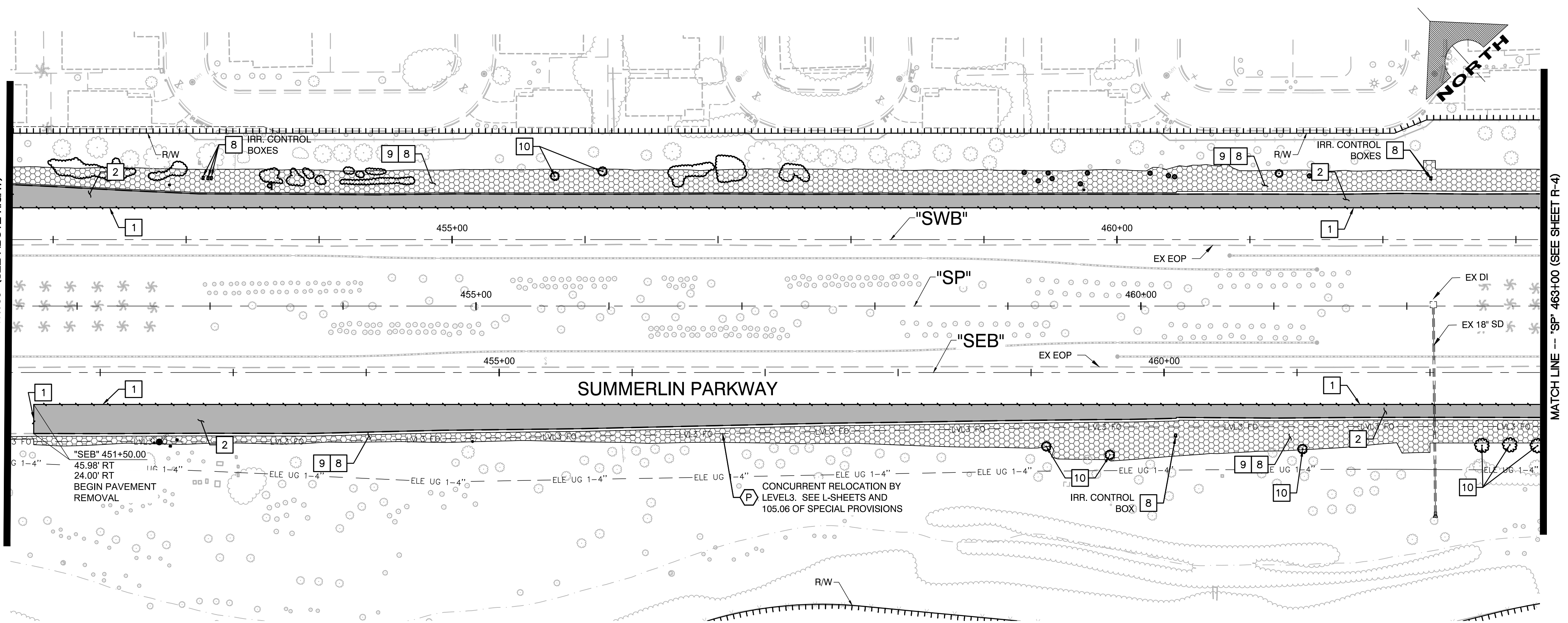
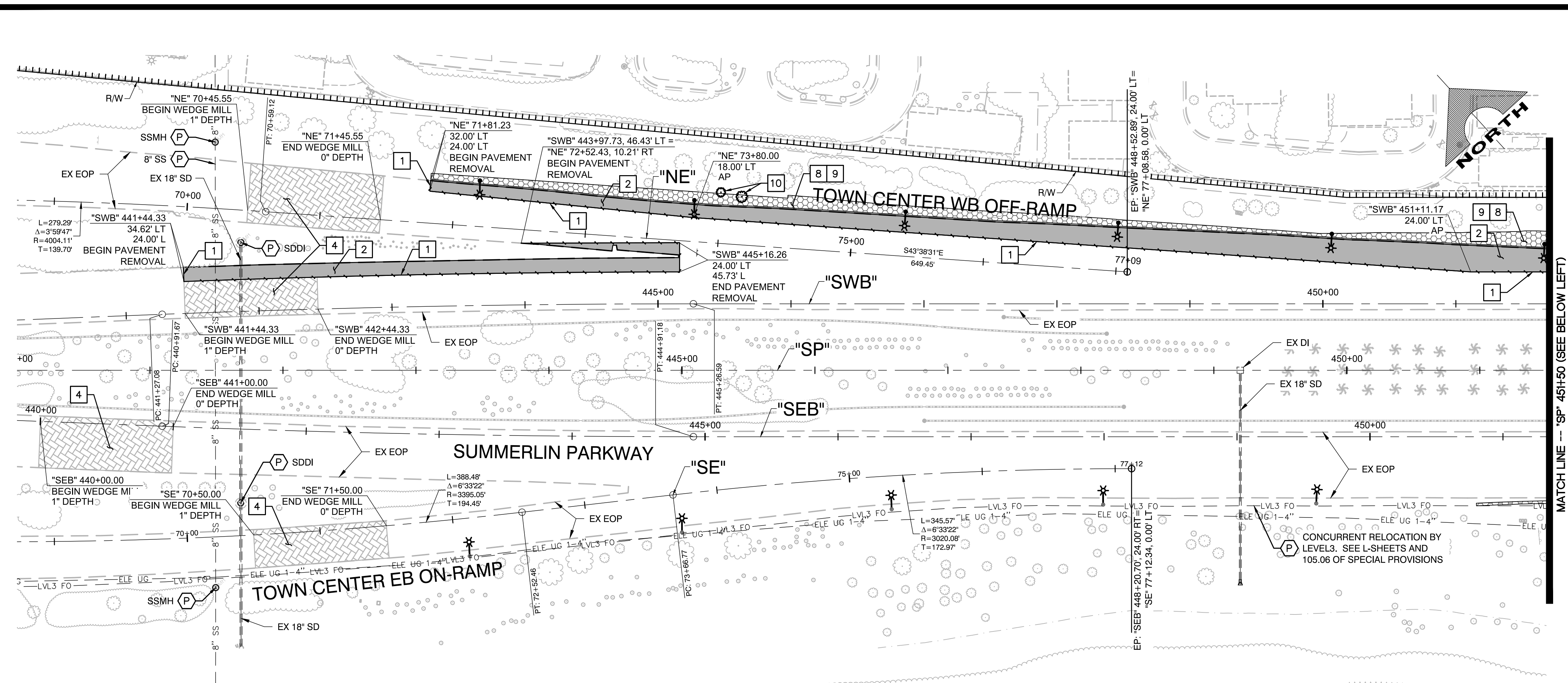


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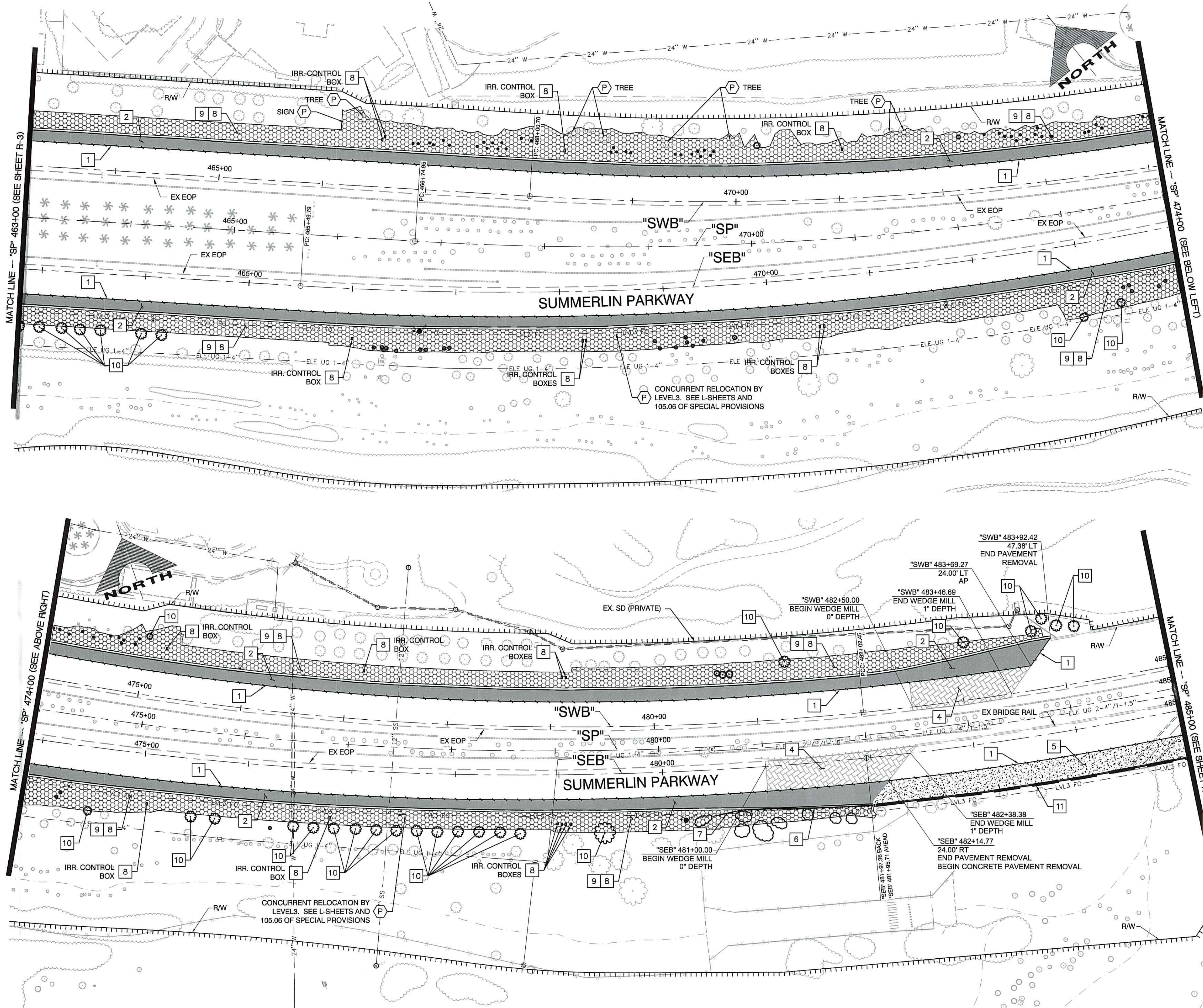
DESIGNED BY: F.J.G.
DRAWN BY: T.J.C.
CHECKED BY: J.R.T.
SUBMITTAL STAGE: FINAL
REVISIONS

DESIGNED BY: F.J.G.
DRAWN BY: T.J.C.
CHECKED BY: J.R.T.
SUBMITTAL STAGE: FINAL

REMOVAL PLANS
"SP" 388+00 TO "SP" 407+00



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CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2800
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
BEFORE YOU OVERHEAD	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
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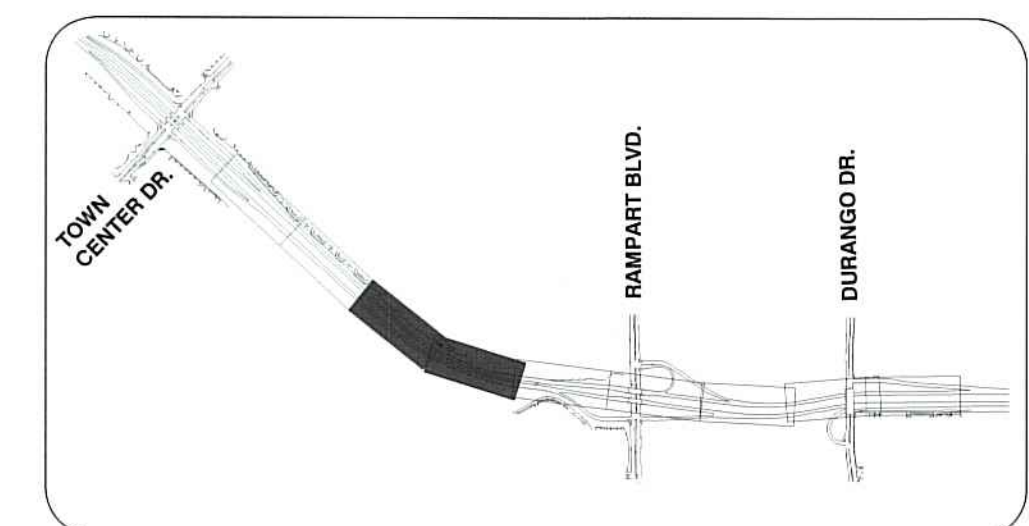
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APPROVED FOR CONSTRUCTION

DIS HABER
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 7/25/17 PROJECT# 125198



PREPARED FOR
CITY OF LAS VEGAS

SUMMERLIN PARKWAY - TRAFFIC CAPACITY
AND SAFETY IMPROVEMENTS PHASE 3

TITLE SHEET



R-4
18 OF 95
DRAWING NO.
107V6438-3

PREPARED BY
GCW
ENGINEERS & SURVEYORS
1555 S. RAINBOW BLVD.
LAS VEGAS, NV 89146
P: 702.804.2299
gwwengineering.com

BID# 17.67056
DESIGNED BY: FJG
DRAWN BY: TJG
CHECKED BY: JRT
DATE: 7/20/2017
SUBMITTAL STAGE: FINAL

REMOVAL PLANS
"SP" 463+00 TO "SP" 485+00

NO.	DATE	REVISIONS