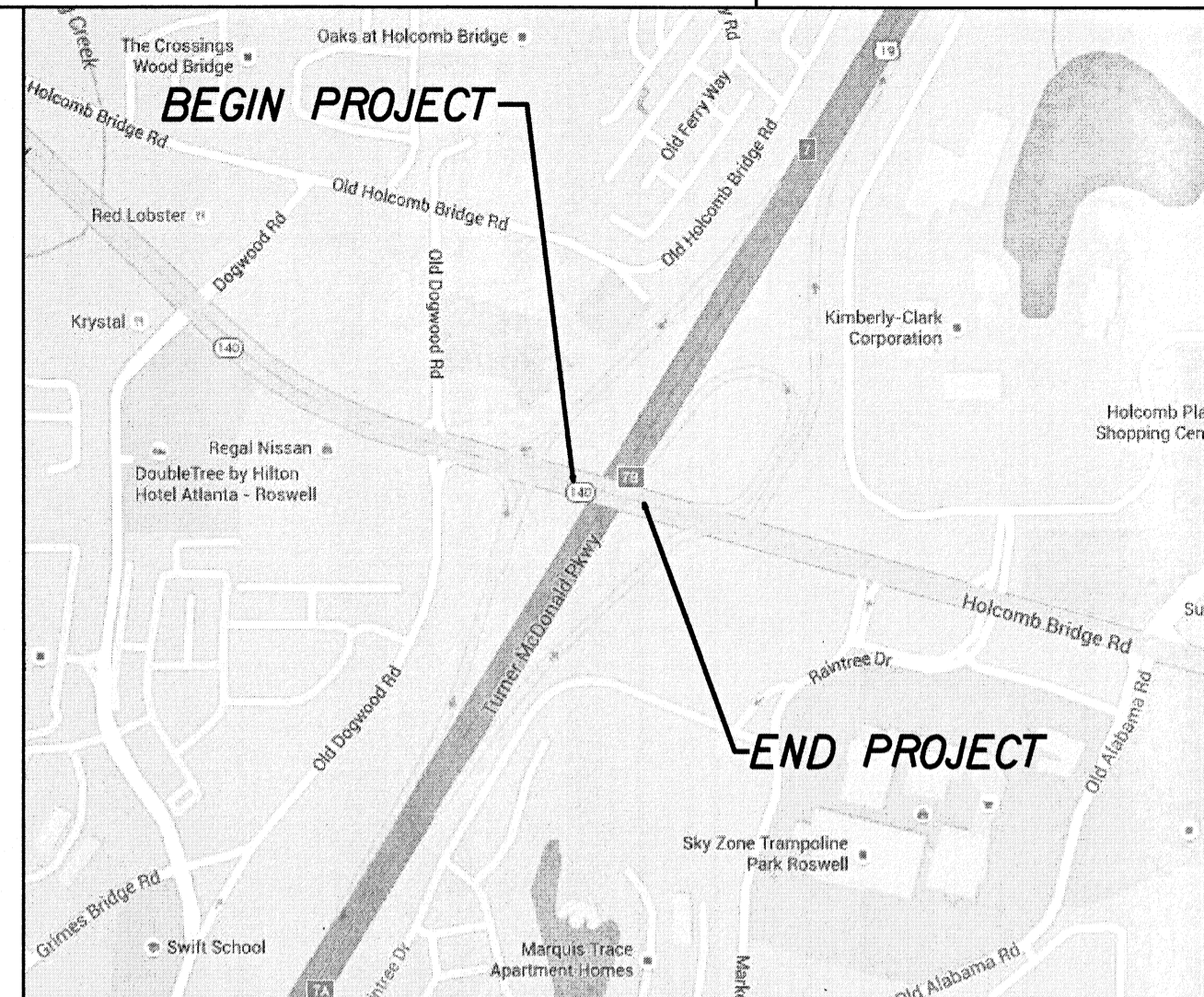
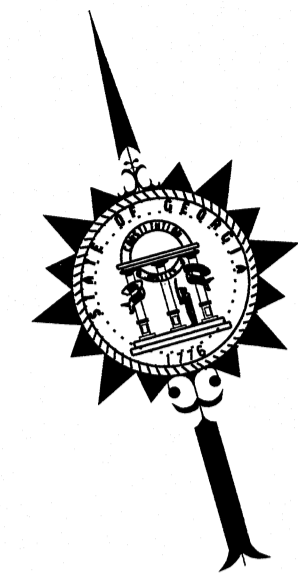


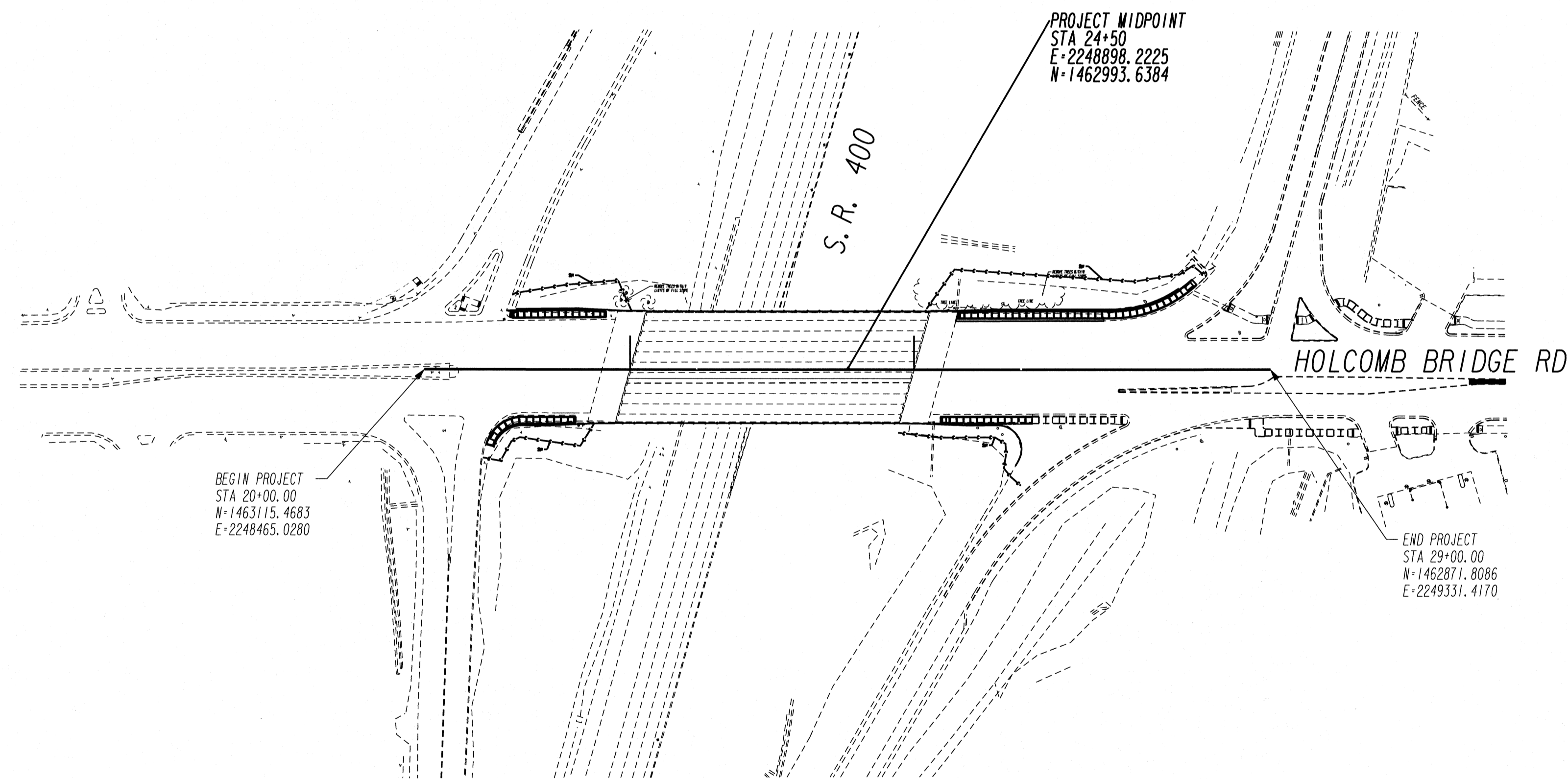
# CITY OF ROSWELL DEPARTMENT OF TRANSPORTATION

## PLAN AND PROFILE OF PROPOSED HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS



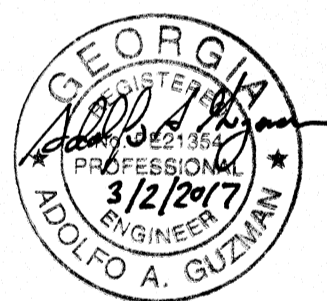
LOCATION SKETCH

**NOTE :**  
 ALL REFERENCES IN THIS DOCUMENT, WHICH INCLUDES ALL PAPERS, WRITINGS, DOCUMENTS, DRAWINGS, OR PHOTOGRAPHS USED, OR TO BE USED IN CONNECTION WITH THIS DOCUMENT, TO "STATE HIGHWAY DEPARTMENT OF GEORGIA," "STATE HIGHWAY DEPARTMENT," "GEORGIA STATE HIGHWAY DEPARTMENT," "HIGHWAY DEPARTMENT," OR "DEPARTMENT" WHEN THE CONTEXT THEREOF MEANS THE STATE HIGHWAY DEPARTMENT OF GEORGIA, AND SHALL BE DEEMED TO MEAN THE DEPARTMENT OF TRANSPORTATION.




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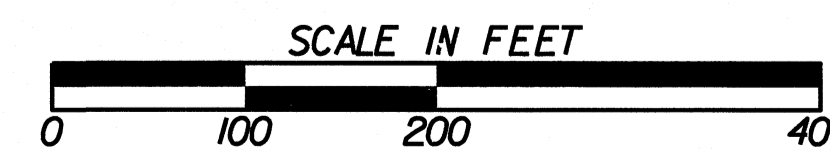
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THIS PROJECT HAS BEEN PREPARED USING THE HORIZONTAL GEORGIA COORDINATE SYSTEM OF 1984 (NAD 1983/94 WEST ZONE), AND THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

LENGTH OF PROJECT	
	MILES
NET LENGTH OF ROADWAY	0.113 MILES
NET LENGTH OF BRIDGES	0.057 MILES
NET LENGTH OF PROJECT	0.171 MILES
NET LENGTH OF EXCEPTIONS	0.0 MILES
GROSS LENGTH OF PROJECT	0.171 MILES



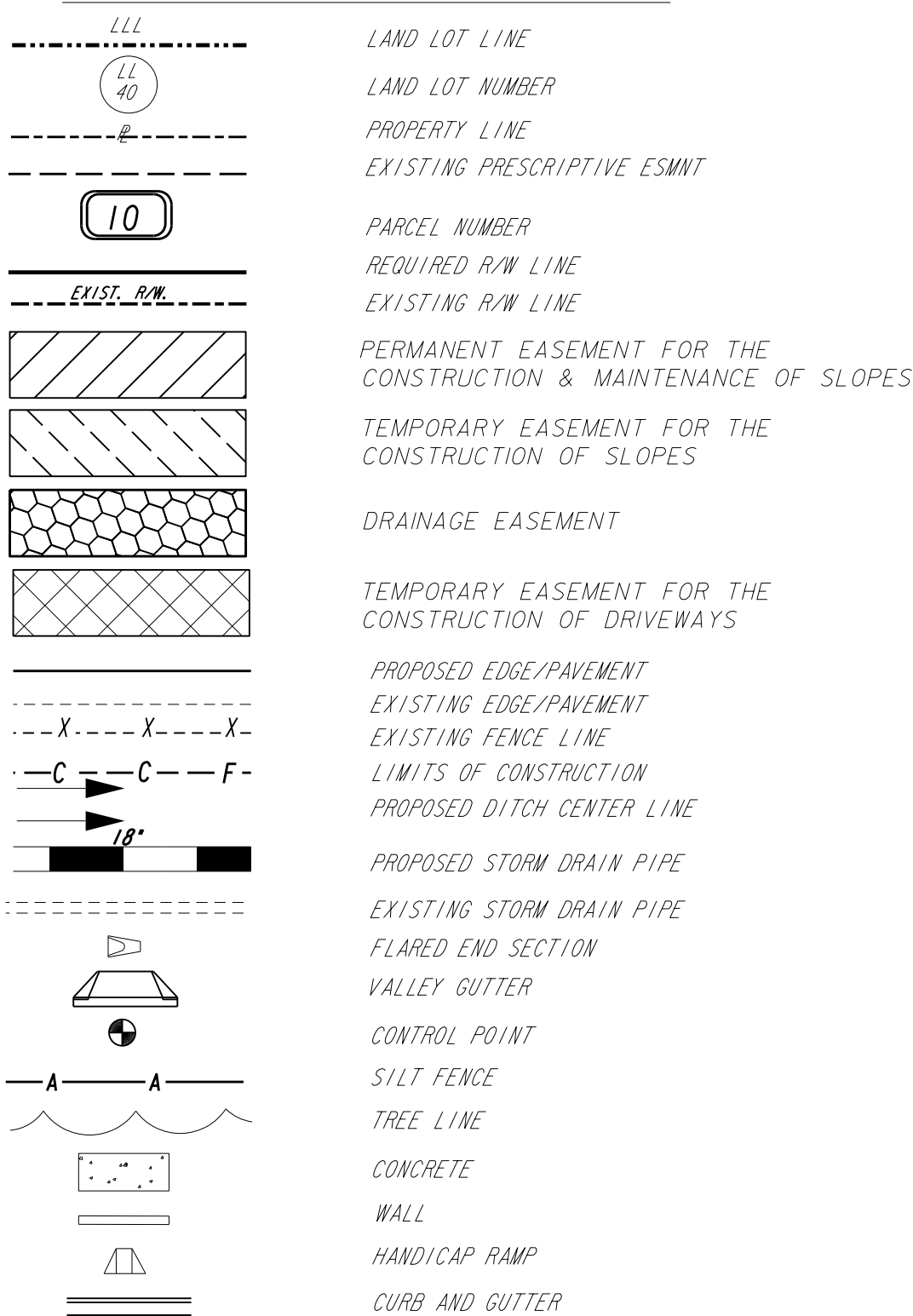
PLANS COMPLETED	08-31-2016
REVISIONS	

DRAWING No.  
**01-001**

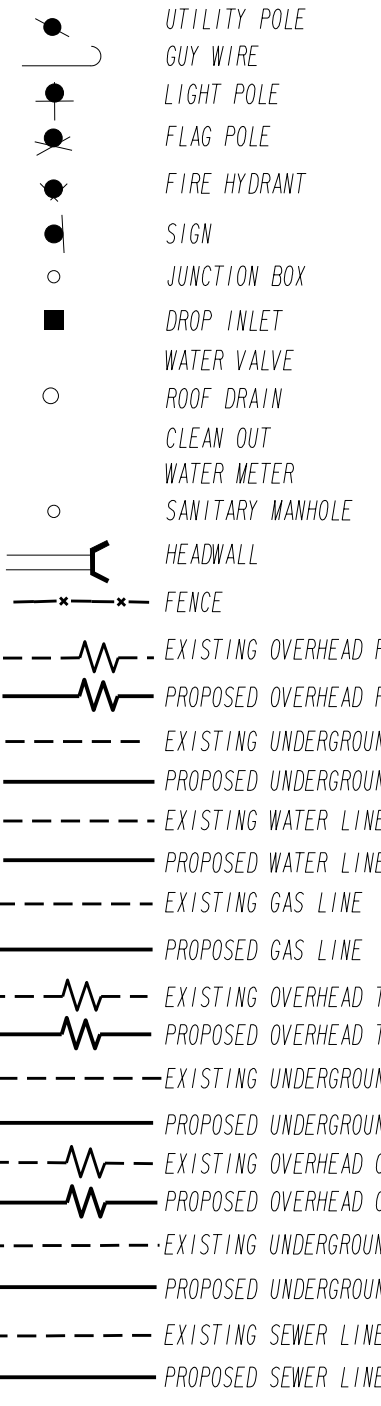




**ROADWAY CONSTRUCTION LEGEND**



**UTILITY LEGEND**



**ABBREVIATIONS**

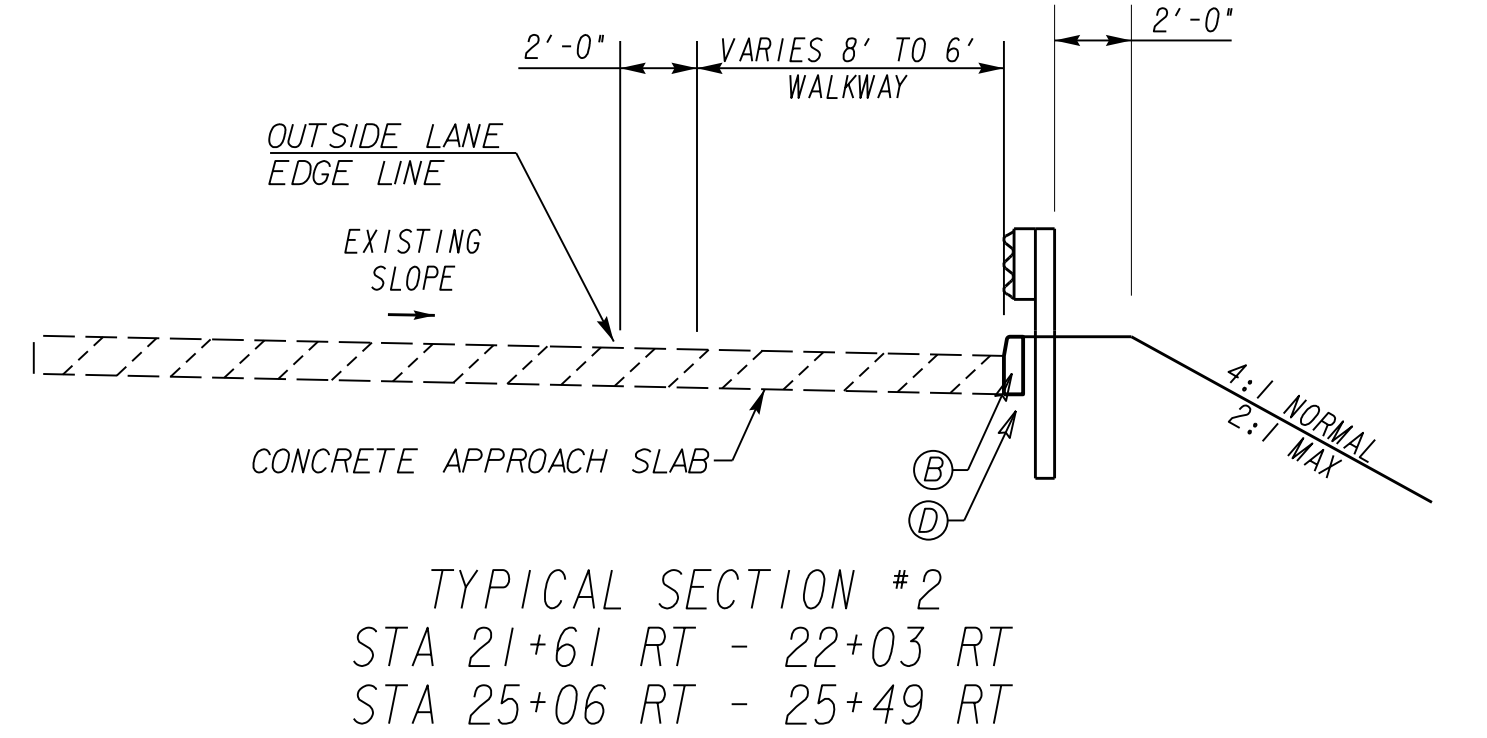
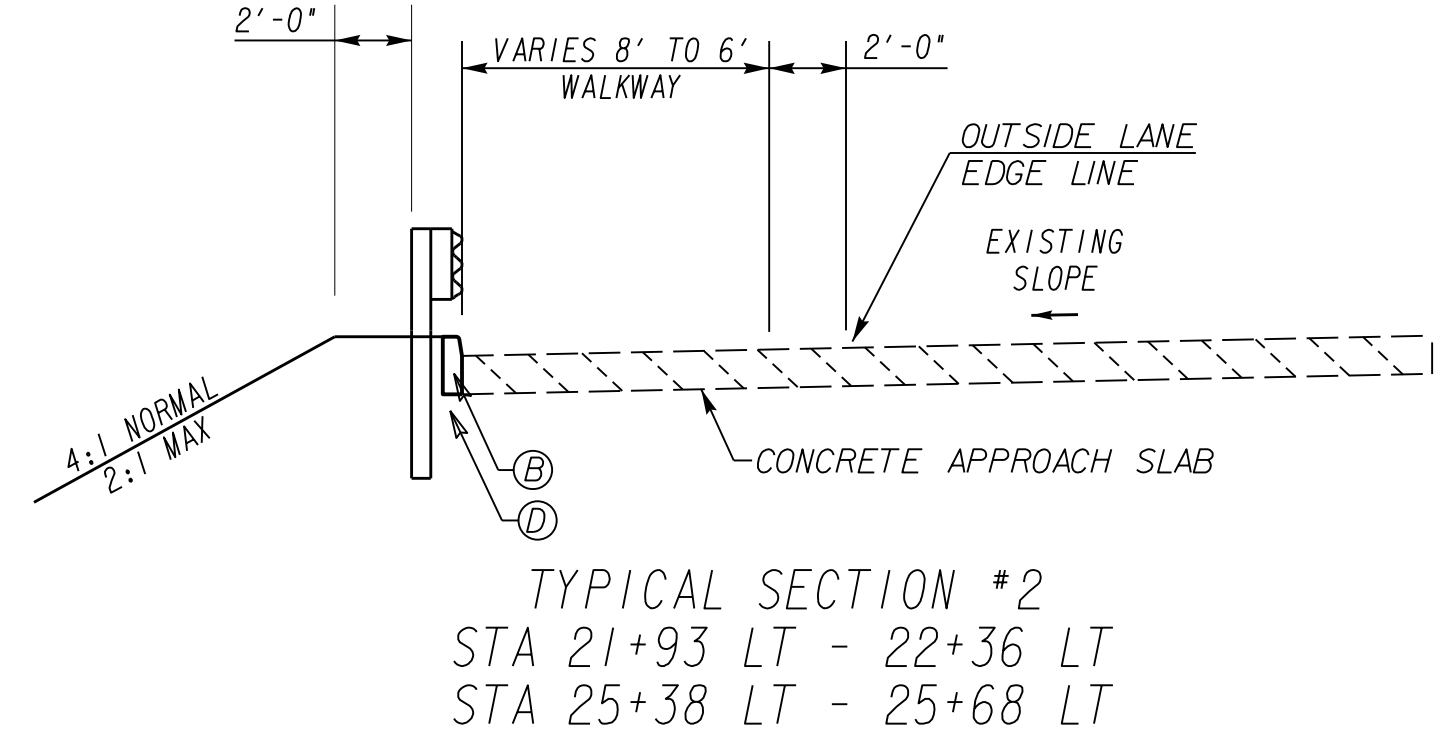
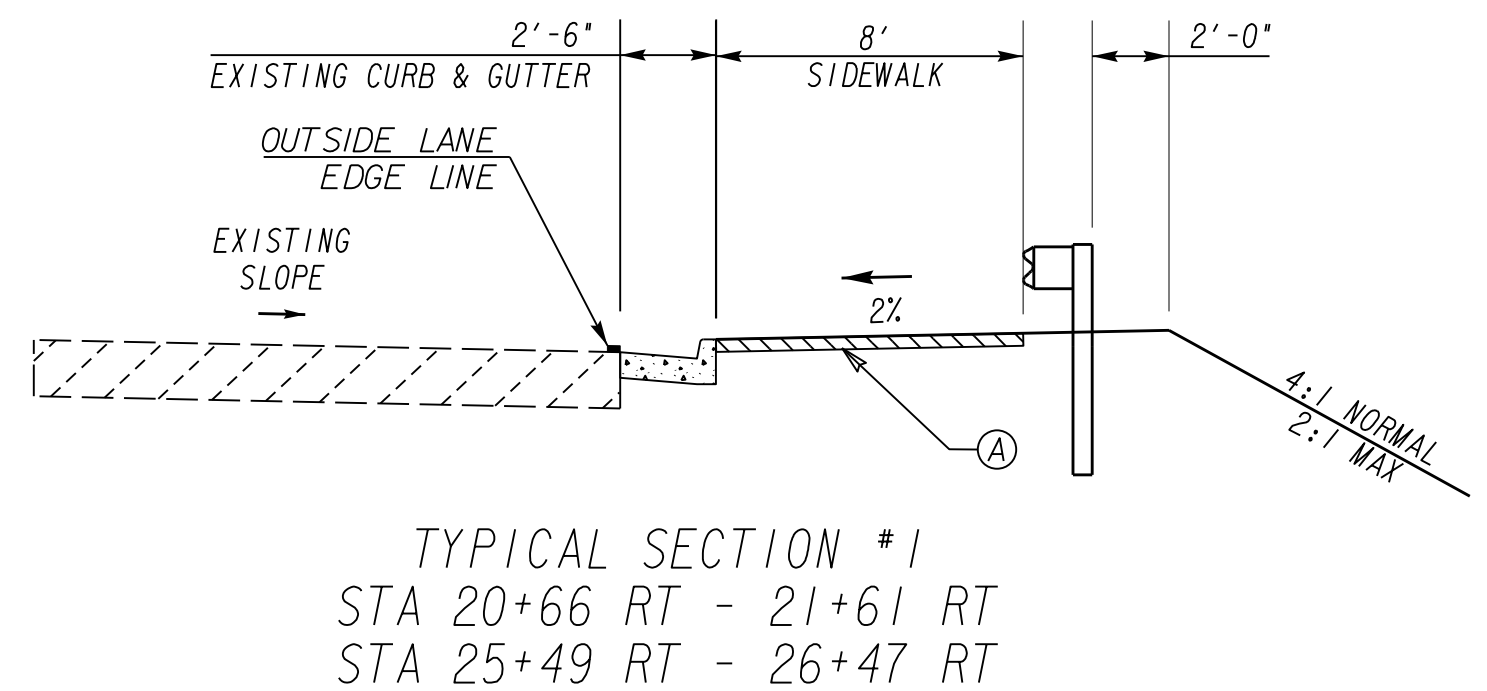
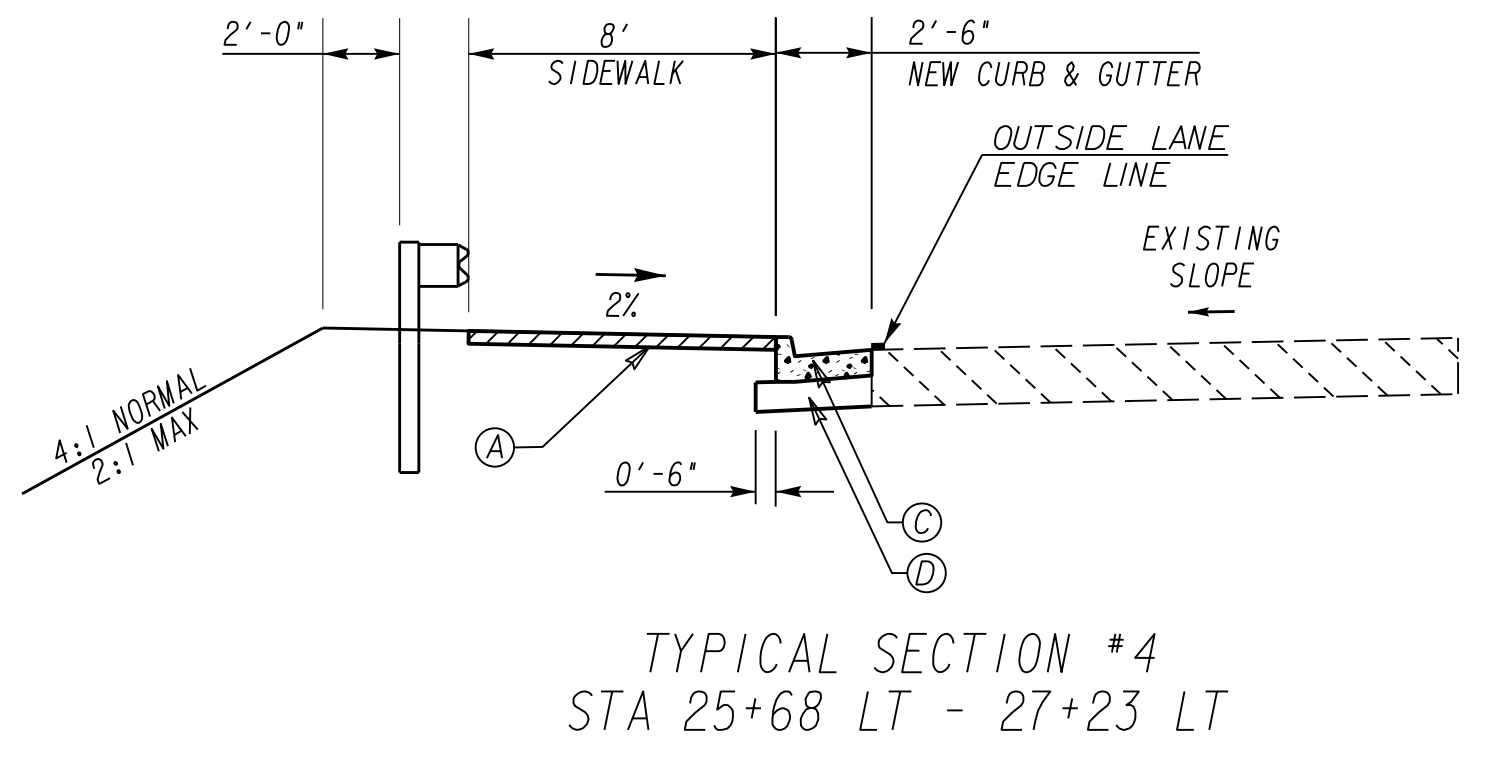
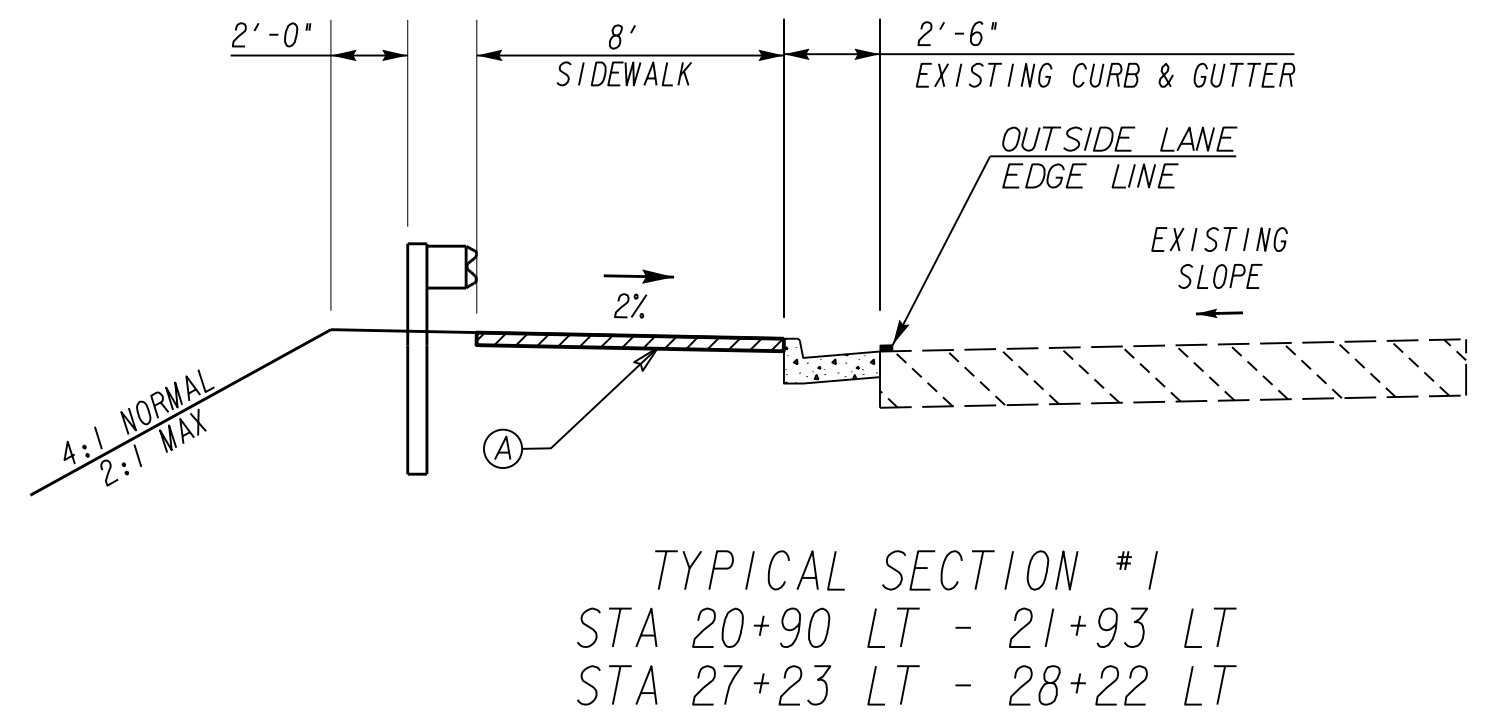
IE	INVERT ELEVATION
CMP	CORRUGATED METAL PIPE
TRANS	TRANSFORMER
A/C	AIR CONDITIONING UNIT
F.F.E.	FINISHED FLOOR ELEVATION
T.B.M.	TEMPORARY BENCH MARK
P.P.	POWER POLE
D.O.T.	DEPT OF TRANSPORTATION
(MSL)	MEAN SEA LEVEL
PB	PLAT BOOK
DB	DEED BOOK
N/F	NOW OR FORMERLY
SAN	SANITARY
MH	MANHOLE

- ALL WORK TO BE DONE IN ACCORDANCE WITH THE DEPARTMENT OF TRANSPORTATION OF GEORGIA STANDARD SPECIFICATIONS CONSTRUCTION OF TRANSPORTATION SYSTEMS, 2013 EDITION, AND SUPPLEMENTS THERETO, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION.
- UTILITY WORK COORDINATION WILL BE REQUIRED AS PART OF THIS CONTRACT. THE CONTRACTOR WILL BE REQUIRED TO USE THE ONE-CALL CENTER TELEPHONE NUMBER: 811 OR 1-800-282-7411, FOR THE PURPOSE OF COORDINATING THE MARKING OF UNDERGROUND UTILITIES. THE CONTRACTOR'S ATTENTION IS CALLED TO SUB-SECTION 105.06 OF THE GADOT STANDARD SPECIFICATION "COOPERATION WITH UTILITIES."
- ALL KNOWN UTILITY FACILITIES ARE SHOWN SCHEMATICALLY ON HIGHWAY PLANS AND ARE NOT NECESSARILY ACCURATE IN LOCATION AS TO THE PLAN OR ELEVATION. UTILITY FACILITIES SUCH AS SERVICE LINES OR UNKNOWN FACILITIES NOT SHOWN ON HIGHWAY PLANS WILL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES UNDER THIS REQUIREMENT. "EXISTING UTILITY FACILITIES" MEANS ANY UTILITY THAT EXISTS ON THE HIGHWAY PROJECT IN ITS ORIGINAL, RELOCATED, OR NEWLY INSTALLED POSITION. ALL UTILITY FACILITIES, WHICH ARE IN CONFLICT WITH CONSTRUCTION AND ARE NOT COVERED AS SPECIFIC ITEMS IN THE DETAILED ESTIMATE, ARE TO BE REMOVED OR RELOCATED TO CLEAR CONSTRUCTION IN ADVANCE OF HIS WORK.
- THE CONTRACTOR SHALL STRICTLY ADHERE TO DUST CONTROL REGULATIONS. ALL AREAS SUBJECTED TO DUST FORMATION MUST BE PERIODICALLY WATERED SUFFICIENT TO RETARD DUST. ALL COSTS FOR DUST CONTROL SHALL BE INCLUDED IN PRICE BID FOR GRADING COMPLETE - LUMP SUM.
- THE TOTAL EARTHWORK QUANTITY SHOWN ON THE PLANS ARE FOR INFORMATION ONLY. CITY OF ROSWELL ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY. THE CONTRACTOR SHALL BID ON GRADING COMPLETE - LUMP SUM AND IT SHALL BE HIS RESPONSIBILITY TO DETERMINE THE ACTUAL EARTHWORK QUANTITY TO BE GRADED. NO CLAIMS WILL BE CONSIDERED FOR EXTRA COMPENSATION IF THE CONTRACTOR RELIES ON THE QUANTITY SHOWN ON THE PLANS. CLEARING AND GRUBBING ON THIS PROJECT IS LIMITED TO THE ACTUAL CONSTRUCTION LIMITS UNLESS DIRECTED BY THE ENGINEER. COST FOR CLEARING AND GRUBBING SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE - LUMP SUM.
- THE TOTAL AREA SHOWN IN THE PLANS FOR GRASSING IS FOR INFORMATION ONLY. CITY OF ROSWELL ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY. THE CONTRACTOR SHALL BID AS GRASSING COMPLETE LUMP SUM AND IT SHALL BE HIS RESPONSIBILITY TO DETERMINE THE ACTUAL AREA TO BE GRASSED. NO CLAIMS WILL BE CONSIDERED FOR COMPENSATION IF THE CONTRACTOR RELIES ON THE AREA SHOWN ON THE PLANS.
- INGRESS AND EGRESS SHALL BE MAINTAINED AT ALL TIMES TO ADJACENT PROPERTIES. REFER TO SUB-SECTION 107.07 OF THE GADOT STANDARD SPECIFICATIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH SUITABLE BORROW MATERIAL FOR THE PROJECT AND DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL.
- HORIZONTAL CONTROL IS BASED UPON GEORGIA STATE PLANE COORDINATE SYSTEM. SEE PLANS FOR LOCATIONS AND DESCRIPTIONS OF MONUMENTS USED.
- THIS PROJECT LIES WITHIN THE LIMITS OF AN INSECT INFESTED AREA. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FOLLOWING SUB-SECTIONS OR SPECIAL PROVISIONS TO THE GADOT STANDARD SPECIFICATIONS: A) SUB-SECTION 107.13D - INSECT CONTROL REGULATIONS; B) SUB-SECTION 155 - INSECT CONTROL; AND C) SUB-SECTION 893 - MISCELLANEOUS PLANTING.
- THE CONTRACTOR SHALL OBSERVE ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY REGULATIONS REGARDING PIPE INSTALLATION IN TRENCHES. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.
- AT LOCATIONS WHERE NEW PAVEMENT IS TO BE PLACED ADJACENT TO EXISTING PAVEMENT WITHOUT AN OVERLAY OR WHERE CURBING IS TO BE PLACED ACROSS A PAVED AREA, A JOINT SHALL BE SAWS ON A LINE ESTABLISHED BY THE ENGINEER TO ENSURE A PAVEMENT REMOVAL TO A NEAT LINE. THE COST FOR SAWS JOINTS, WHEN REQUIRED, SHALL BE INCLUDED IN PRICE BID FOR OTHER CONTRACT ITEMS, EXCEPT WHEN SAWING P.C.C CONCRETE PAVEMENT.
- WHERE EXISTING PAVEMENT MARKINGS AND LINES ARE IN CONFLICT WITH THE TRAFFIC PATTERN BEING USED ON CONSTRUCTION, THE CONTRACTOR SHALL REMOVE OR OVERLAY LINES TO THE SATISFACTION OF THE ENGINEER SUCH THAT THE LINES DO NOT CONFUSE THE TRAVELING PUBLIC. ALL REMAINING LINES OR MARKINGS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, OR AS DIRECTED BY THE ENGINEER. TRAFFIC SHALL NOT BE ALLOWED ON ANY PAVEMENT NOT PROPERLY STRIPED.
- THE CONTRACTOR'S ATTENTION IS DIRECTED TO ARTICLES 104.05 AND 107.07 OF THE GADOT STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS FOR TRAFFIC CONTROL AND SEQUENCE OF OPERATIONS IN REGARDS TO MAINTENANCE OF TRAFFIC DURING CONSTRUCTION.
- THIS PROJECT HAS A TOTAL AREA OF 1.24 ACRES AND THE EXPECTED DISTURBED AREA IS 0.35 ACRES. THE TOTAL AREA IS THE AREA OF RIGHT-OF-WAY AND EASEMENTS AND THE DISTURBED AREA IS THE CLEARING AND GRUBBING AREA.
- ALL CUT AND FILL SLOPES SHALL BE GRASSED AS DIRECTED BY THE ENGINEER IMMEDIATELY AFTER THE SLOPES ARE ESTABLISHED IN ORDER TO REDUCE EROSION. IF THE SEASON DOES NOT PERMIT GRASSING, TEMPORARY MULCH SHALL BE USED AS DIRECTED BY THE ENGINEER. REFER TO SECTION 161 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL ENSURE THAT POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS. THIS MAY INCLUDE, BUT NOT LIMITED TO, REPLACEMENT OR RECONSTRUCTION OF EXISTING DRAINAGE STRUCTURES THAT HAVE BEEN DAMAGED OR REMOVED OR REGRADING AS REQUIRED BY THE ENGINEER, EXCEPT FOR THOSE DRAINAGE ITEMS SHOWN AT SPECIFIC LOCATIONS IN THE PLANS AND HAVING SPECIFIC PAY ITEMS IN THE DETAILED ESTIMATE. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COSTS INCURRED TO COMPLY WITH THIS REQUIREMENT.
- EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO OR CONCURRENT WITH LAND DISTURBANCE ACTIVITIES AND SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ONSITE INSPECTION OR AS DIRECTED BY THE ENGINEER.
- ALL SILT FENCES MUST BE PLACED AS ACCESS IS OBTAINED DURING CLEARING. NO GRADING SHALL BE DONE UNTIL SILT FENCE INSTALLATION IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL SILT FENCES AND TO REPAIR OR REPLACE ANY SILT FENCE THAT IS NOT SATISFACTORY. EROSION CONTROL GATES SHALL BE PLACED IMMEDIATELY AFTER DRAINAGE STRUCTURES ARE IN PLACE. ALL EROSION CONTROL DEVICES SHALL BE PLACED ACCORDING TO THE PLANS AND AS DIRECTED BY THE ENGINEER. SEE THE GADOT STANDARD SPECIFICATIONS REGARDING EROSION CONTROL AND THE MANUAL FOR EROSION AND SEDIMENT CONTROL BY G.S.N.C.C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR KEEPING WETLAND AREAS FREE FROM SILTATION. THE CONTRACTOR SHALL OBTAIN AND ABIDE BY ALL CORPS OF ENGINEERS RULES AND REGULATIONS CONCERNING CONSTRUCTION ADJACENT TO WATERWAYS AND MAINTAIN WATER QUALITY.
- CONSTRUCTION LAYOUT WILL BE REQUIRED BY THE CONTRACTOR. ALL COST FOR THIS ITEM WILL BE INCLUDED IN THE PRICE BID FOR OTHER CONTRACT ITEMS.
- TYPE OF GRASS OR SOD USED ON THIS PROJECT WILL BE REQUIRED TO MATCH ANY TYPE OF GRASS OR SOD WHICH MAY BE PLANTED AND GROWING ON THE ADJACENT LAWN. I.E. BERMUDA SOD FOR BERMUDA SOD, ZOYSIA FOR ZOYSIA ETC. NO SEPARATE PAYMENT WILL BE MADE FOR ANY COST INCURRED TO COMPLY WITH THIS REQUIREMENT.
- PRICE TO SOD ENTIRE PROJECT DISTURBED AREA TO BE INCLUDED IN GRASSING COMPLETE PAY ITEM.
- CONTRACTOR IS RESPONSIBLE FOR PRE-MARKING ALL SIGNING, STRIPING, HANDICAP RAMPS AND GUARDRAIL. AFTER THE PRE-MARKING IS COMPLETE, CONTRACTOR SHALL NOTIFY GWINNETT TRANSPORTATIONS OPERATIONS AND MAINTENANCE DIVISION A MINIMUM OF 72 HOURS PRIOR TO THE INSTALLATION OF ANY PRE-MARKED ITEMS FOR REVIEW. THIS SHALL BE COORDINATED THROUGH THE PROJECT ENGINEER.
- WHERE WET SUBGRADE IS ENCOUNTERED AND WHERE IDENTIFIED BY THE ENGINEER, UNDERDRAIN PIPE WITH DRAINAGE AGGREGATE SHALL BE PLACED AS DIRECTED BY THE ENGINEER TO AID IN DE WATERING THE SUBGRADE
- ALL EXISTING PIPE SHALL BE REMOVED UNLESS OTHERWISE NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. COST FOR REMOVAL SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE - LUMP SUM
- AGGREGATE SURFACE COURSE FOR TEMPORARY DRIVEWAYS, INCLUDING MATERIAL, HAUL AND PLACEMENT SHALL BE USED AT THE ENGINEER'S DIRECTION TO FACILITATE THE MOVEMENT OF LOCAL TRAFFIC THROUGH THE CONSTRUCTION AREA DURING INCLEMENT WEATHER. WHEN USED FOR THIS PURPOSE, SECTION 318 OF THE GADOT STANDARD SPECIFICATIONS IS MODIFIED TO PERMIT TRUCK DUMPING ON UNPREPARED WET, MUDDY SUBGRADE. SECTION 318 IS FURTHER MODIFIED TO PERMIT THE USE OF CRUSHER STONE AS DESCRIBED IN SECTION 318.02. THE CONTRACTOR WILL HAVE THE USE OF THE FOLLOWING MATERIALS:
  - GRADED AGGREGATE, ARTICLE 815.2.01
  - COURSE AGGREGATE, SIZE 467, ARTICLE 800.2.01
  - STABILIZED AGGREGATE, TYPE I OR II, SECTION 803.2.01 OR 803.2.02
  - CRUSHED STONE, ARTICLE 806.2.01
- PRICE BID FOR TRAFFIC CONTROL - LUMP SUM SHALL INCLUDE, BUT IS NOT LIMITED TO CONSTRUCTION, MAINTENANCE, AND REMOVAL OF TEMPORARY SIGNING AND PAVEMENT MARKINGS, BARRICADES, CHANNELIZING DEVICES ETC. REQUIRED FOR MAINTENANCE OF TRAFFIC DURING CONSTRUCTION. ALL TEMPORARY SIGNING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION AND/OR AS DIRECTED BY THE ENGINEER. ADDITIONAL DETOUR SIGNAGE MAY BE REQUIRED IN ORDER TO CONFORM TO THE MUTCD. NO SEPARATE PAYMENT WILL BE MADE FOR THE ADDITIONAL DETOUR SIGNAGE NOT ILLUSTRATED ON THE DETOUR PLAN
- WHEN STAGED CONSTRUCTION IS REQUIRED IN ORDER TO MAINTAIN TRAFFIC THROUGHOUT THE PROJECT, THE MAINTENANCE OF TRAFFIC PLANS ARE INCLUDED IN THIS SET OF DRAWINGS AND ARE FOR GUIDANCE. THE CONTRACTOR MAY ELECT TO DESIGN HIS OWN STAGING PLAN. IF SO, THE CONTRACTOR'S STAGING PLAN MUST BE APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. ANY DEVIATION TO THE STAGE CONSTRUCTION PLANS INCLUDED SHALL BE APPROVED BY THE ENGINEER PRIOR TO IMPLEMENTATION.
- ALL SIDEWALKS, CROSS WALKS, AND RAMPS SHALL MEET ADA STANDARD G.D.O.T. DETAILS.
- A NO1 IS NOT REQUIRED FOR THIS PROJECT.

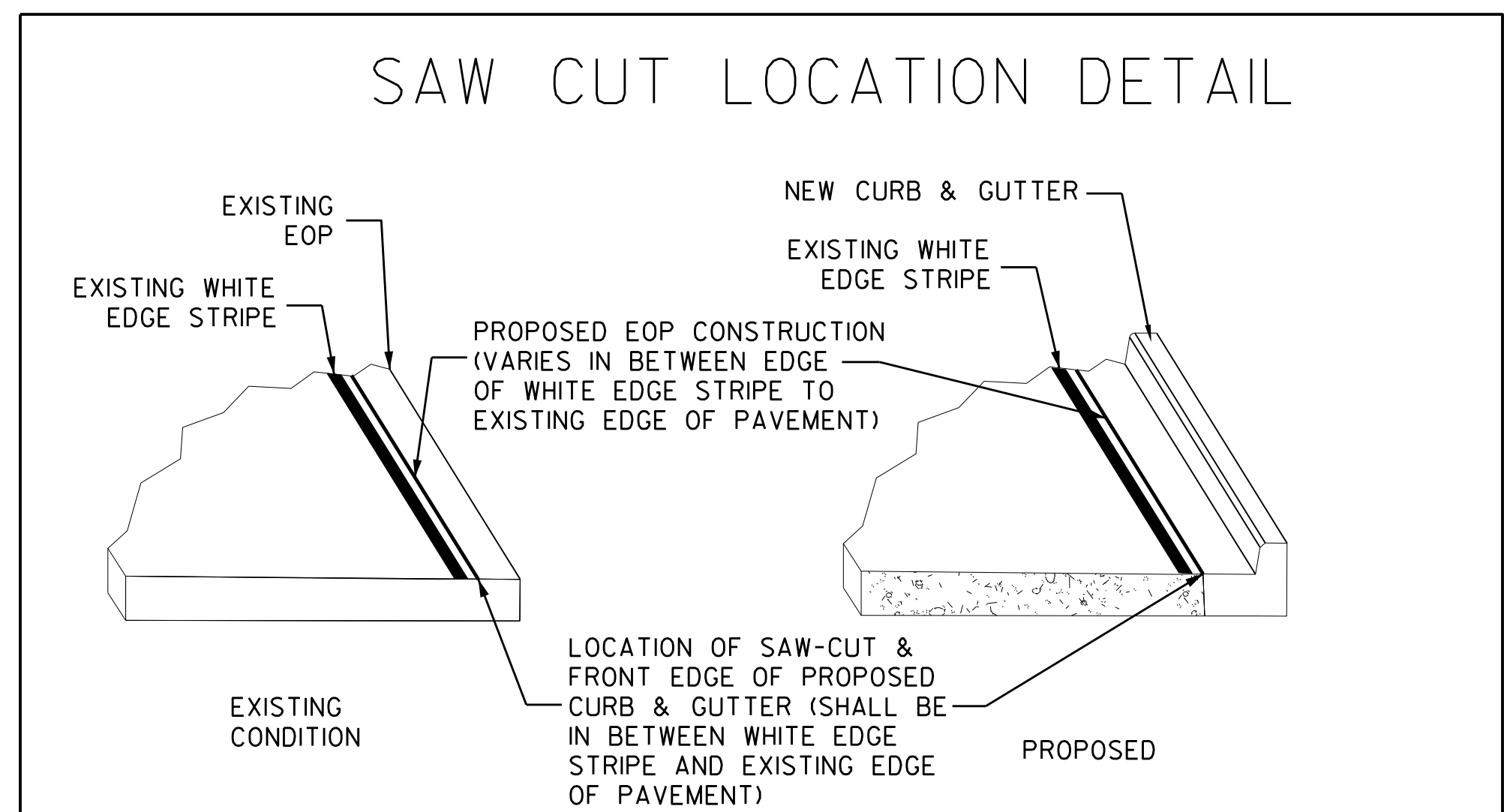
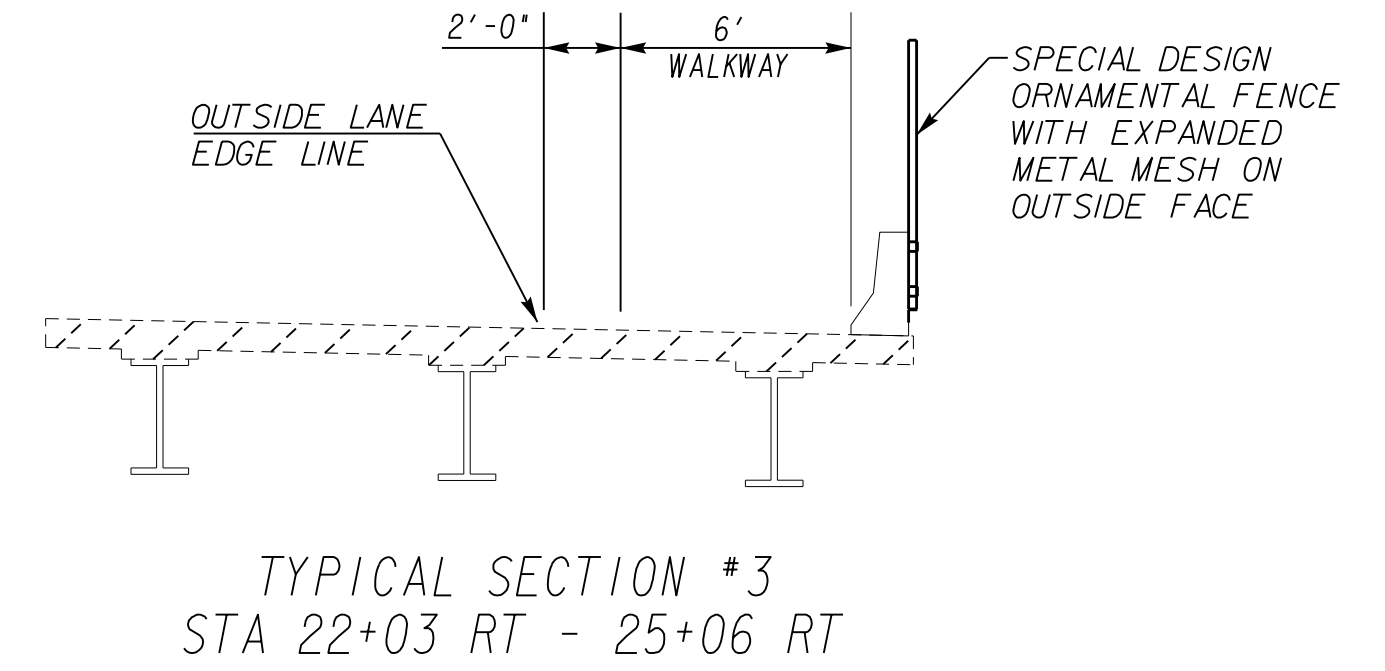
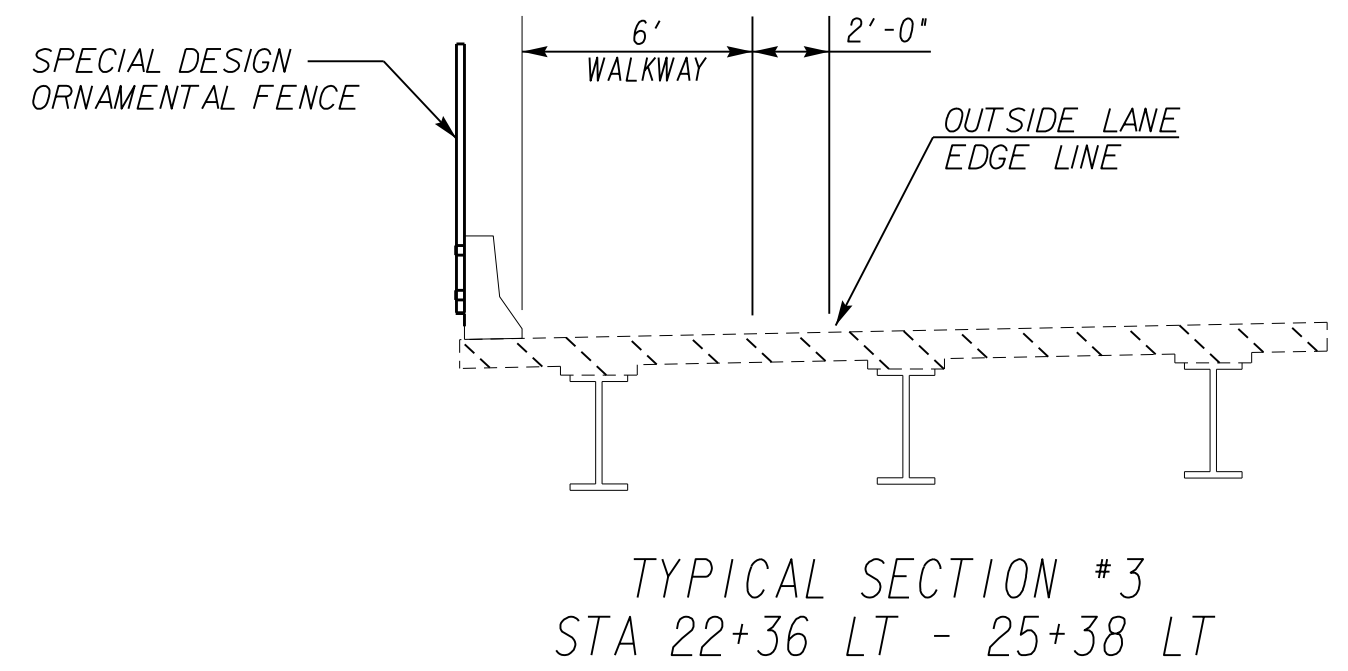



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REVISION DATES		GENERAL NOTES	
		<b>HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS</b> <b>CITY OF ROSWELL</b>	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	04-001	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



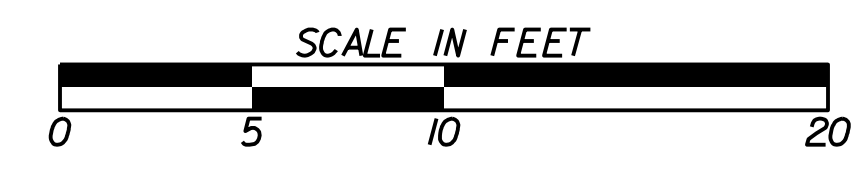
- (A) 4" CONCRETE SIDEWALK
- (B) CONCRETE CURB
- (C) 8"X30" CONC. CURB & GUTTER, GA. STA. 9032 B. TYPE 2
- (D) 8" GRADED AGGREGATE BASE



NOTE: ALL DISTURBED AREAS TO BE SODDED.  
 TRIM ALL TREE LIMBS TO PROVIDE AN 8' VERTICAL CLEARANCE ABOVE THE PROPOSED SIDEWALK (TRIM WORK SHALL BE INCLUDED IN PAY ITEM 210-0100 GRADING COMPLETE, L.S.)

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REVISION DATES		TYPICAL SECTIONS	
		HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS CITY OF ROSWELL	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	05-001	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

# SUMMARY OF QUANTITIES

## STANDARD ROADSIDE SIGNS

STA	STREET NAME	SIGN CODE	SIGN	HIGHWAY SIGNS									SQUARE TUBE POST						
				TP1 MATL, REFL SHEETING TP9 ITEM 636-1033			TP2 MATL, REFL SHEETING TP9 ITEM 636-1041			TP1 MATL, REFL SHEETING TP11 ITEM 636-1036			TYPE 7 ITEM 636-2070		TYPE 9 ITEM 636-2090		TYPE 8 ITEM 636-2080		BREAKAWAY SUPPORT ITEM 636-3010
				Width (in)	Height (in)	Sign Area (sf)	Width (in)	Height (in)	Sign Area (sf)	Width (in)	Height (in)	Sign Area (sf)	Post (EA)	Post (LF)	Post (EA)	Post (LF)	Post (EA)	Post (LF)	(EA)
20+96	Mainline	R5-1	Do Not Enter							30	30	6.25			1	13			
20+87	Mainline	R3-1	Movement Prohibition	24	24	4.00									1	12			
21+05	Mainline	R3-1	Movement Prohibition	24	24	4.00									1	12			
21+50	Mainline	R9-7	Shared-Use Path Restriction	12	18	1.50									1	12			
21+70	Mainline	M3-1	Cardinal Direction	24	12	2.00							2	34					
21+70	Mainline	M1-4	U.S. Route	30	24	5.00													
21+70	Mainline	M1-5	State Route	24	24	4.00													
21+70	Mainline	M5-1	Advance Turn Arrow	21	15	2.19													
<b>TOTAL</b>				<b>22.69</b>						<b>6.25</b>			<b>34</b>		<b>49</b>				

CONCRETE & BRICK SIDEWALK			
ITEM NO.	DESCRIPTION	UNIT	QTY
900-0035	CONCRETE AND BRICK PAVERS SIDEWALK	SF	4452

EROSION CONTROL QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
161-1000	EROSION CONTROL	LS	LS
171-0030	TEMPORARY SILT FENCE, TYPE C	LF	740
700-9300	SOD	SY	1224

FENCING			
ITEM NO.	DESCRIPTION	UNIT	QTY
643-8300	ORNAMENTAL FENCE	LF	605

CONCRETE CURB & GUTTER			
GA STD 9032B			
ITEM NO.	DESCRIPTION	UNIT	QTY
441-6222	CONC CURB & GUTTER, 8 IN X 30 IN, TP 2	LF	158

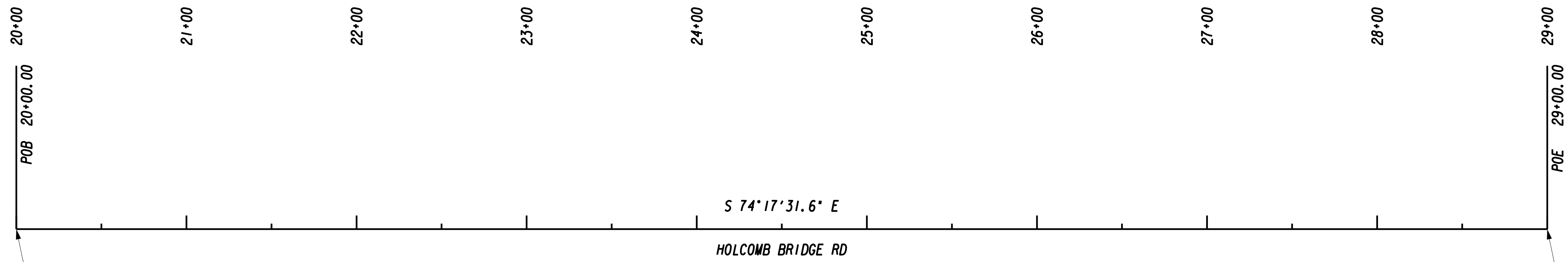
REMOVE/RESET SIGNS			
SUMMARY			
STATION	STREET NAME	SIGN CODE	SIGN
26+80	Mainline	N/A	TREE CITY USA SIGN
27+28	Mainline	N/A	Shared-Use Path Restriction (R9-7)
27+97	Mainline	N/A	Do Not Enter (R5-1)
QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
610-9001	REM SIGN	EA	3
611-5551	RESET SIGN	EA	3

GUARDRAIL QUANTITIES						
GA STDS 4380, 4383, 4384, 4385						
LOCATION	GUARDRAIL		ANCHORAGES			
	641-1100	641-1200	641-5001	641-5012	GA STD 4383	GA STD 4384
	GUARDRAIL, TP T	GUARDRAIL, TP W	GUARDRAIL ANCHORAGE, TP 1	GUARDRAIL ANCHORAGE, TP 12		
BEGIN STA	END STA	SIDE	LF	LF	EA	EA
20+73	21+31	RT		69	1	
21+31	22+03	RT	72			
20+97	21+64	LT		67	1	
21+64	22+36	LT	72			
25+05	25+77	RT	72			
25+77	26+29	RT		86		
25+39	26+11	LT	72			
26+11	28+03	LT		197		1
<b>TOTAL</b>			<b>288</b>	<b>419</b>	<b>2</b>	<b>1</b>



REVISION DATES		SUMMARY QUANTITIES	
		HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS	
		CITY OF ROSWELL	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	06-001	
CORRECTED:	DATE:		
VERIFIED:	DATE:		





20+00  
 POB 20+00.00

21+00

22+00

23+00

24+00

25+00

26+00

27+00

28+00

29+00  
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HOLCOMB BRIDGE RD

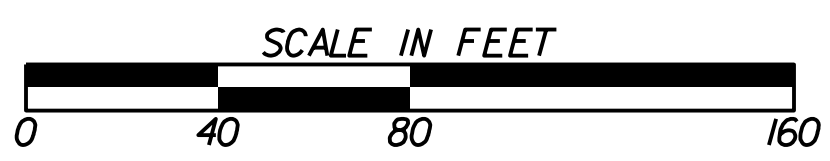
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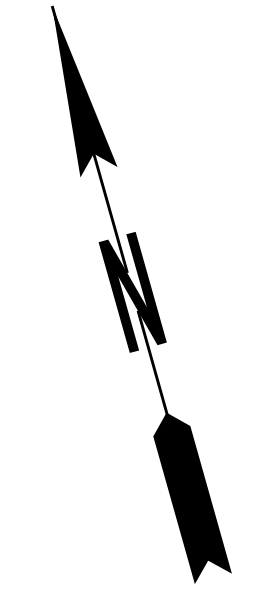
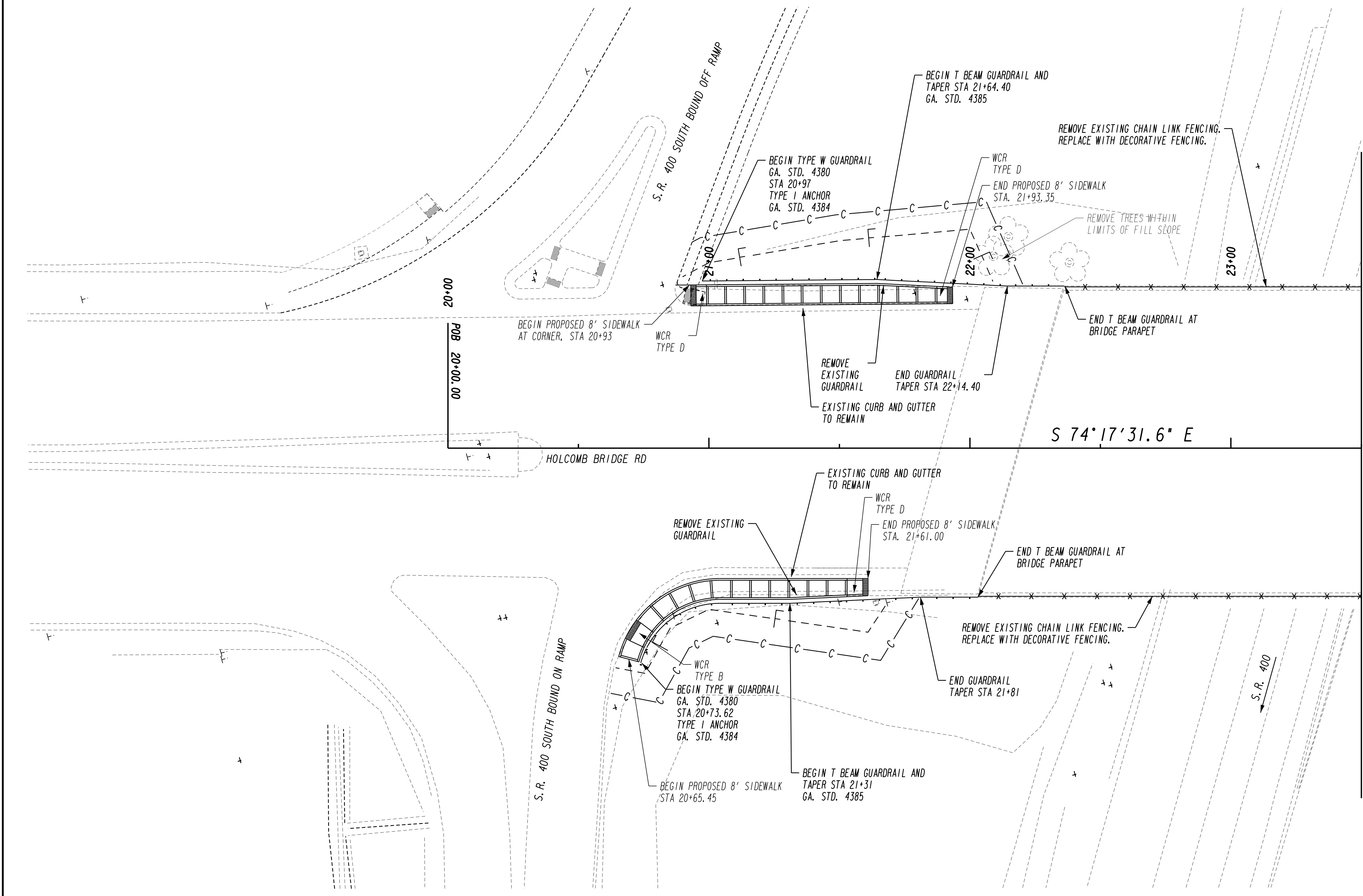


REVISION DATES		

**CONSTRUCTION LAYOUT**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

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VERIFIED:	DATE:	





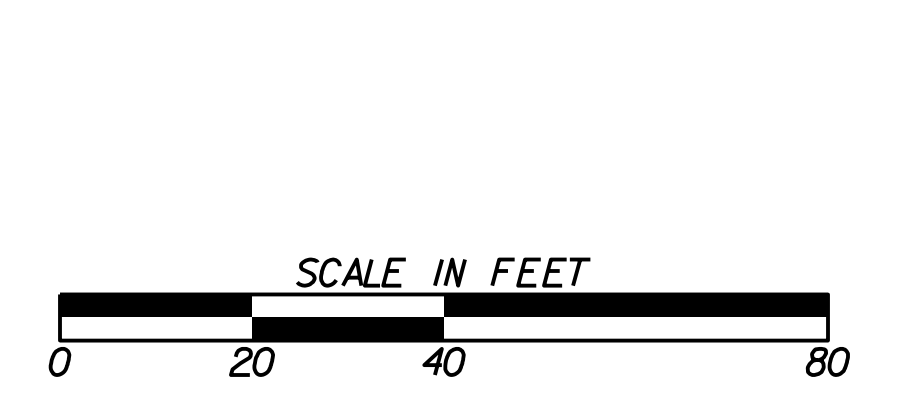
MATCH LINE STA. 23+50 DRAWING NO. 13-002

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---

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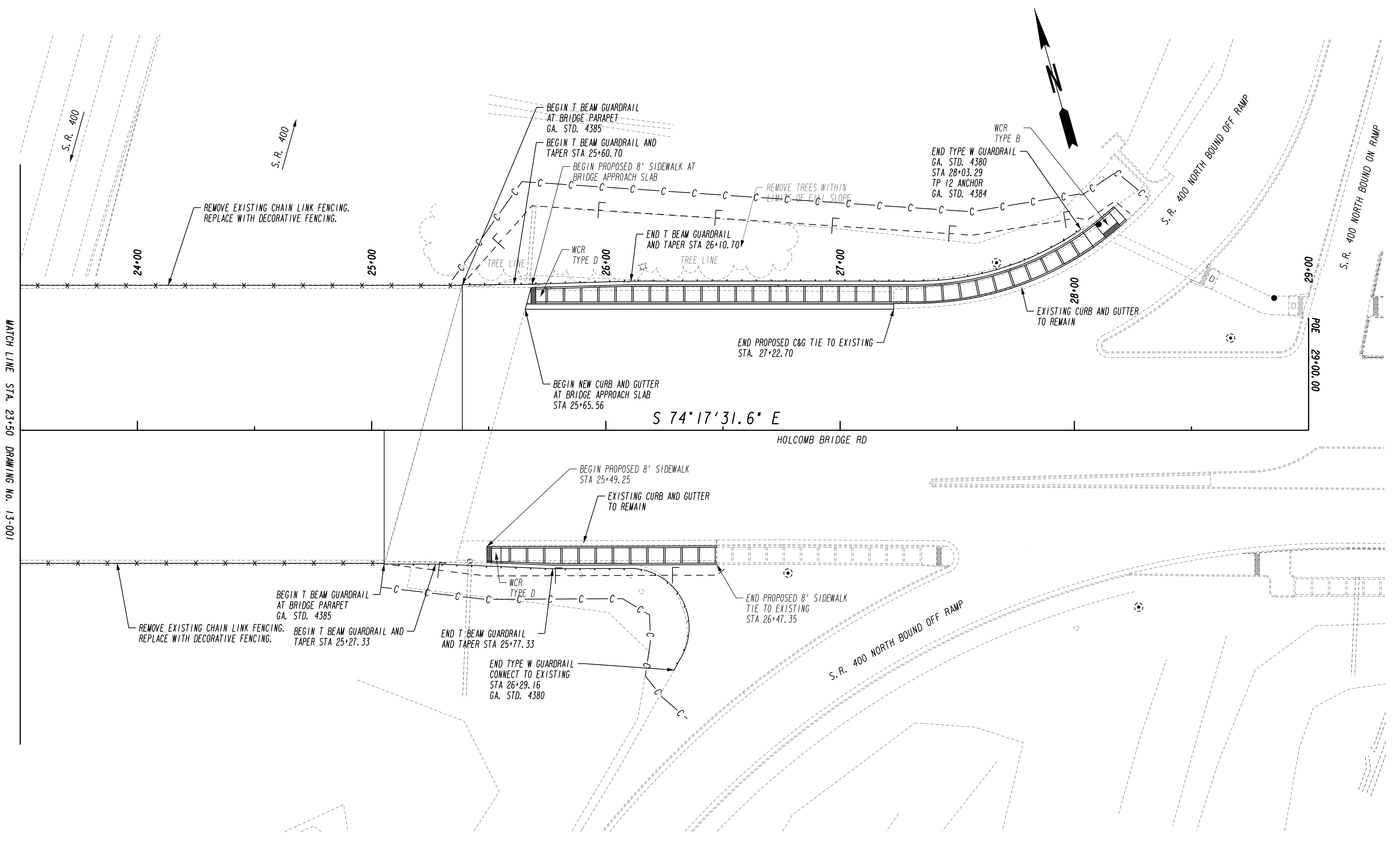
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REVISION DATES	

**CONSTRUCTION PLAN**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

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BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 23+50 DRAWING NO. 13-001

S 74°17'31.6" E

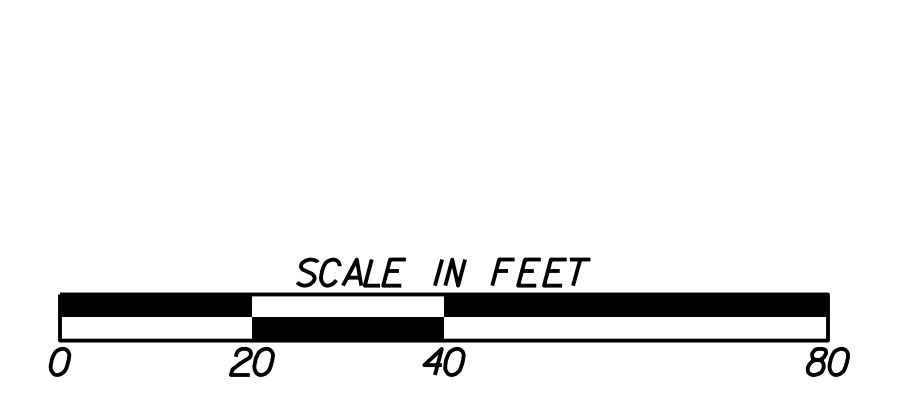
HOLCOMB BRIDGE RD

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	---
EASEMENT FOR CONSTR OF SLOPES	---
EASEMENT FOR CONSTR OF DRIVES	---

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---

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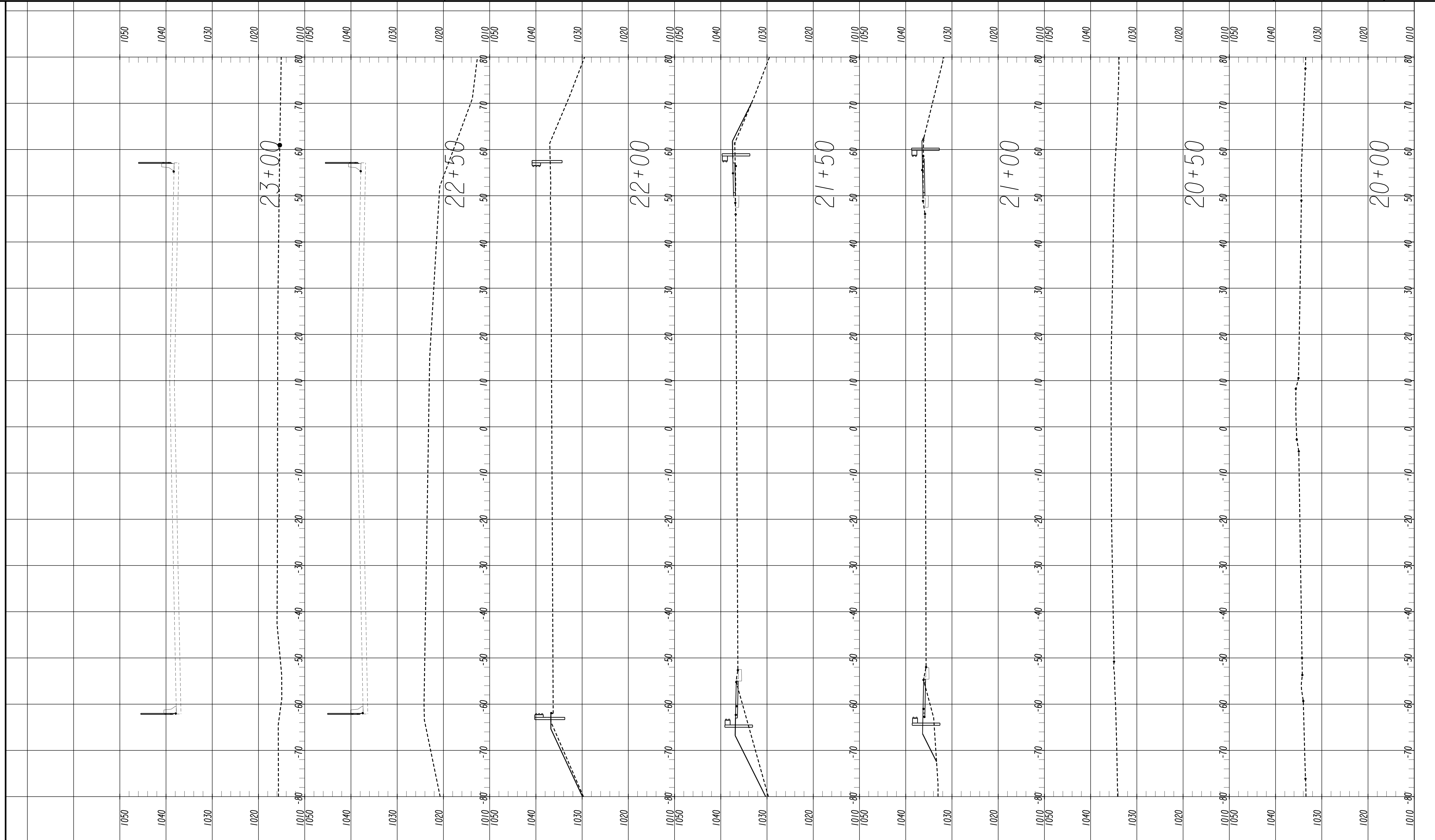
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REVISION DATES	

**CONSTRUCTION PLAN**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
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CORRECTED:	DATE:	
VERIFIED:	DATE:	




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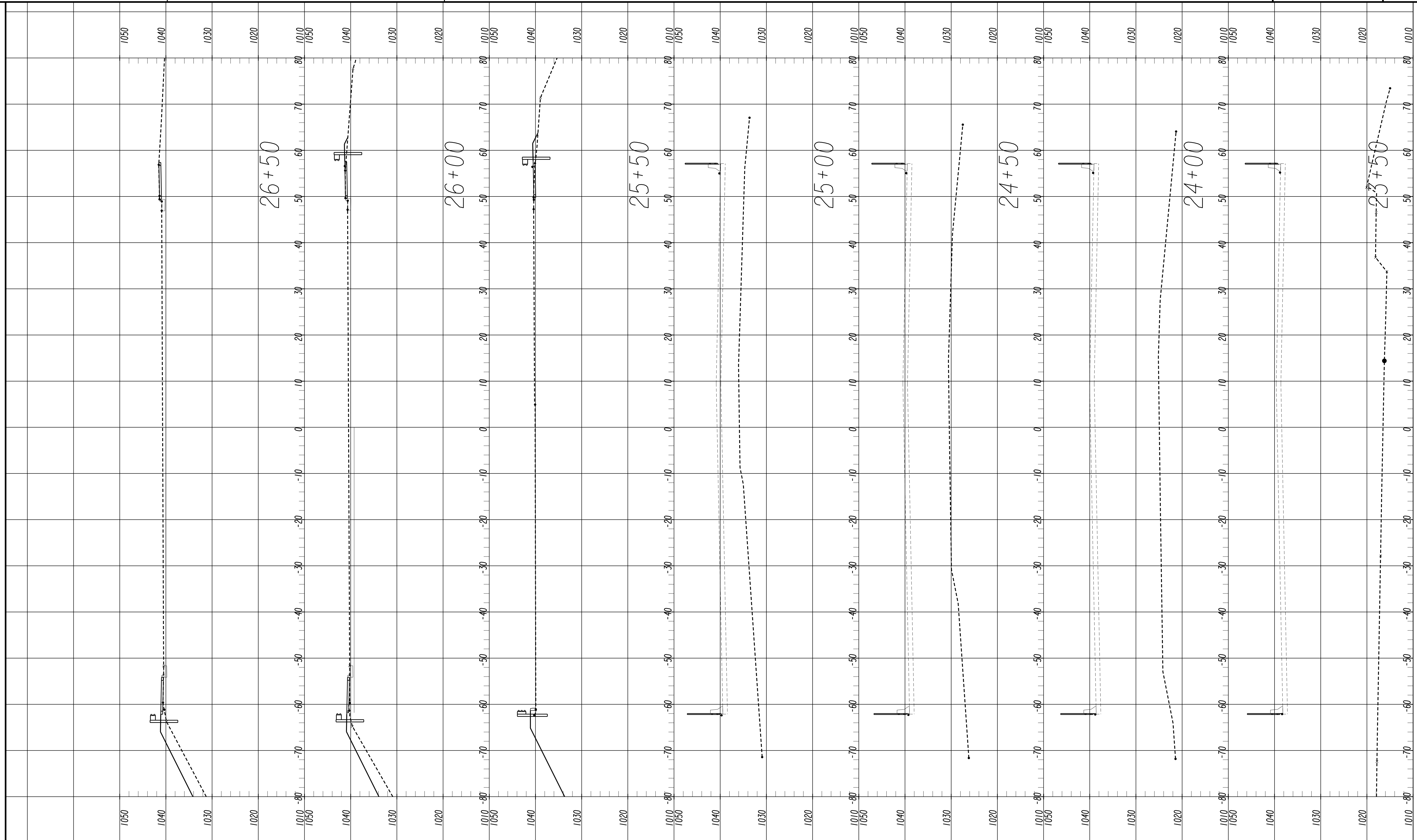
SCALE: 1" = 10 FT HOR.  
1" = 10 FT VERT.

REVISION DATES

NO.	DATE	DESCRIPTION

**EARTHWORK CROSS SECTIONS**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



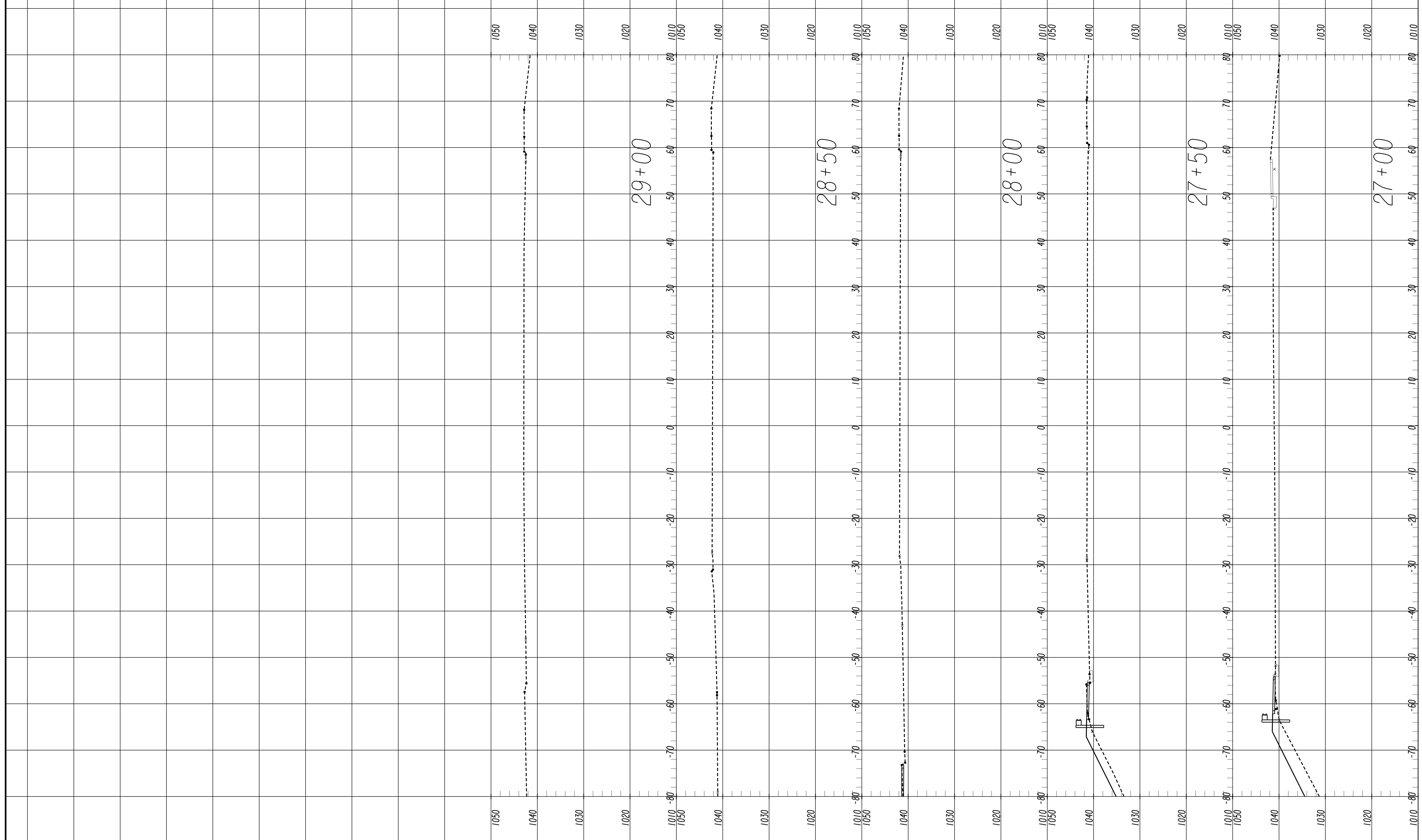
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SCALE: 1" = 10 FT HOR.  
 1" = 10 FT VERT.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

CHECKED:	DATE:	DRAWING No. <b>23-002</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



10/23/2015 GPLM

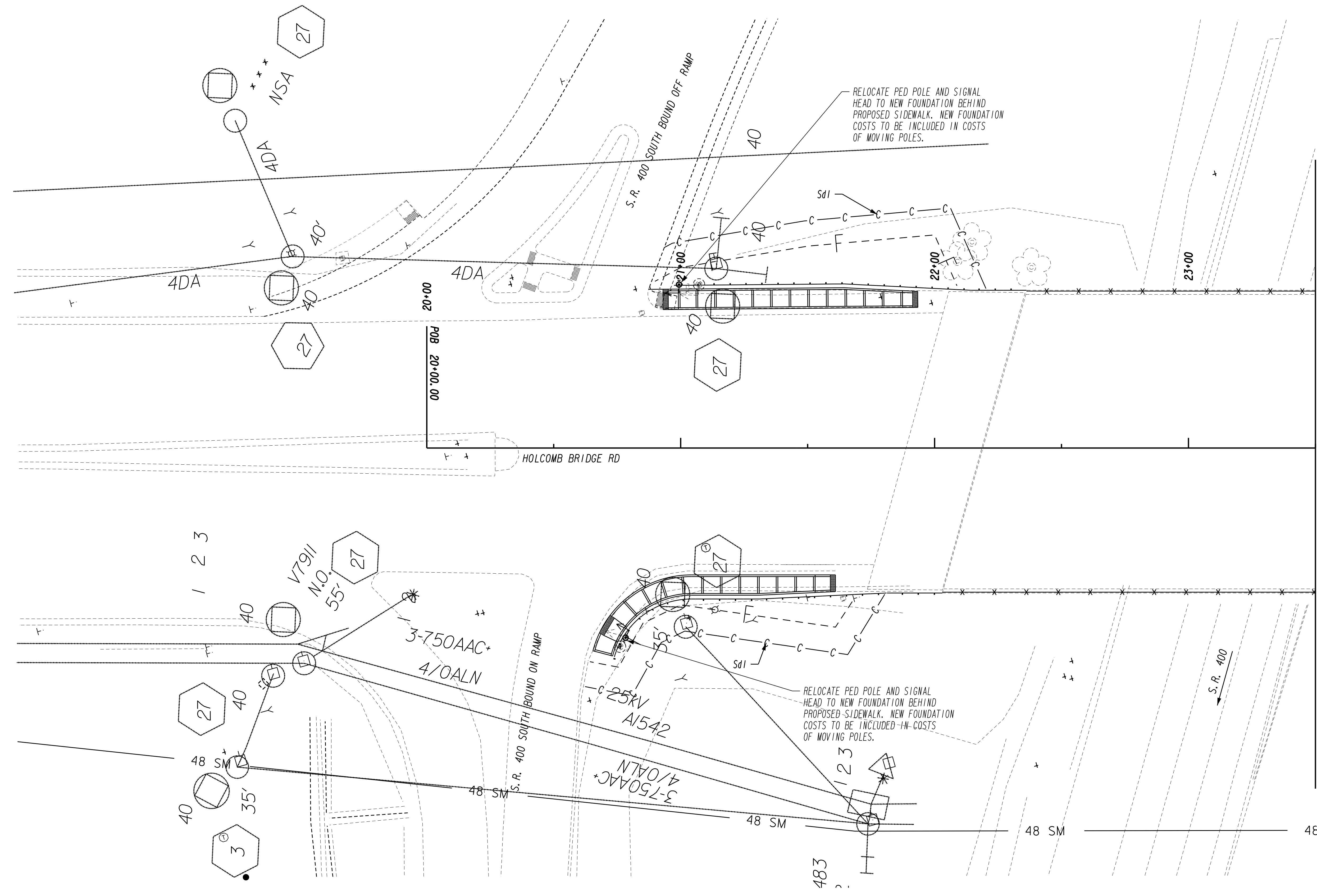
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SCALE: 1" = 10 FT HOR.  
 1" = 10 FT VERT.

REVISION DATES	

**EARTHWORK CROSS SECTIONS**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

CHECKED:	DATE:	DRAWING No. <b>23-003</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 23+50 DRAWING No. 13-02

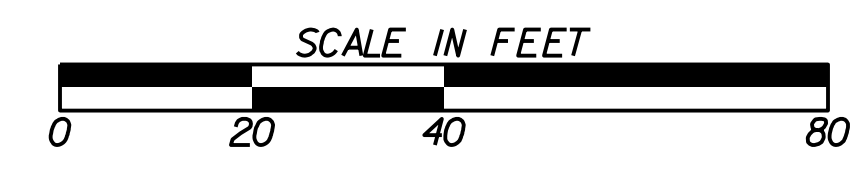
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

--- P ---  
 --- C --- F ---  
 [Hatched Box]  
 [Hatched Box]  
 [Hatched Box]

BEGIN LIMIT OF ACCESS.....BLA  
 END LIMIT OF ACCESS.....ELA  
 LIMIT OF ACCESS  
 REQ'D R/W & LIMIT OF ACCESS

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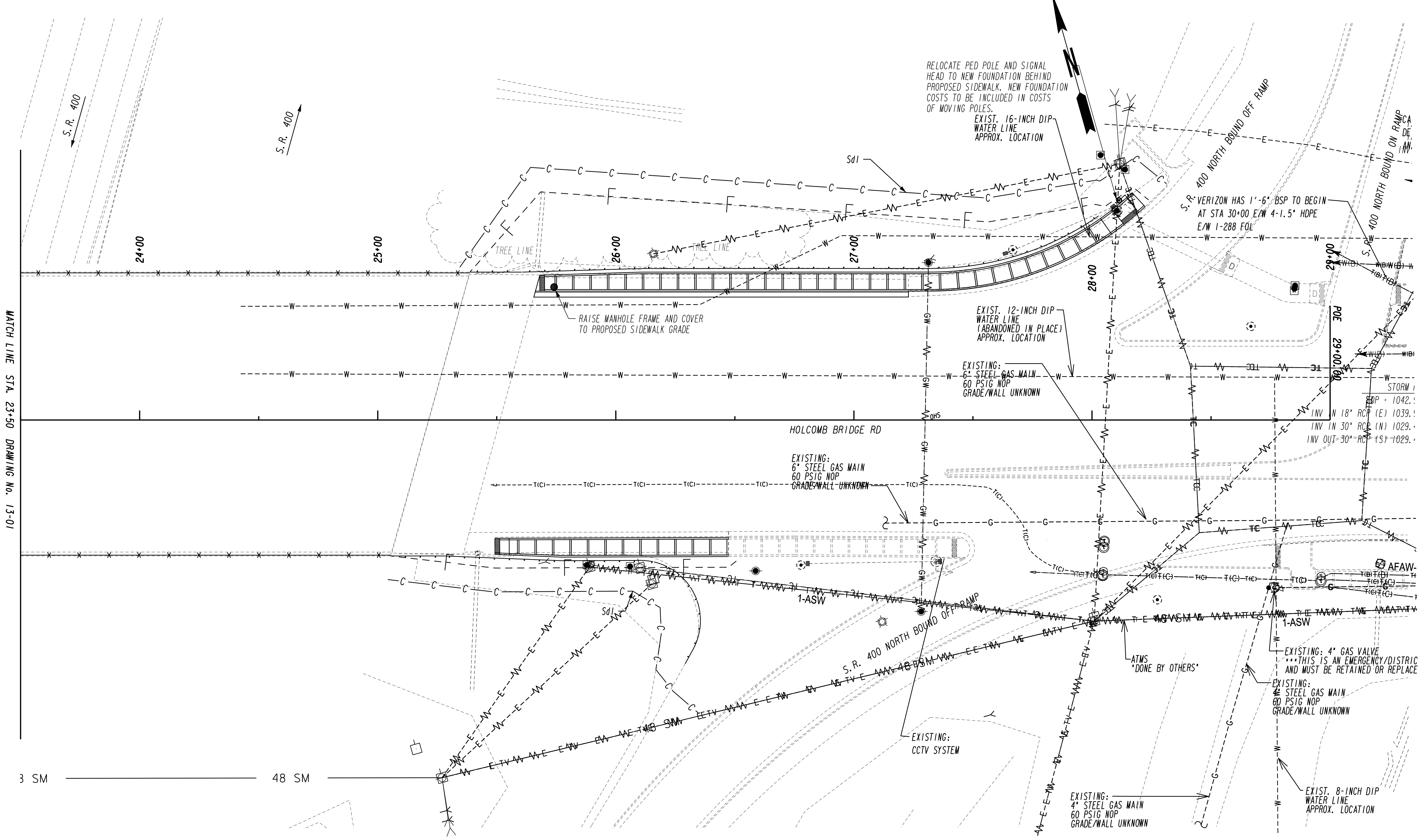
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REVISION DATES	

**UTILITY PLANS**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

CHECKED:	DATE:	DRAWING No. <b>24-001</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 23+50 DRAWING No. 13-01

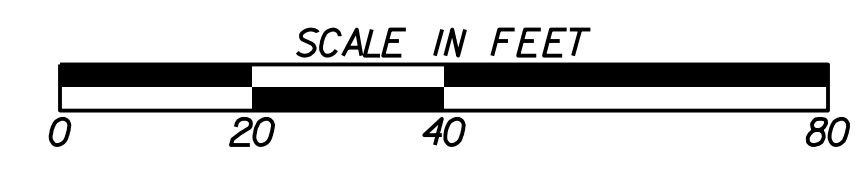
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

---@--- BEGIN LIMIT OF ACCESS.....BLA  
 ---@--- END LIMIT OF ACCESS.....ELA  
 ---@--- LIMIT OF ACCESS  
 ---@--- REQ'D R/W & LIMIT OF ACCESS



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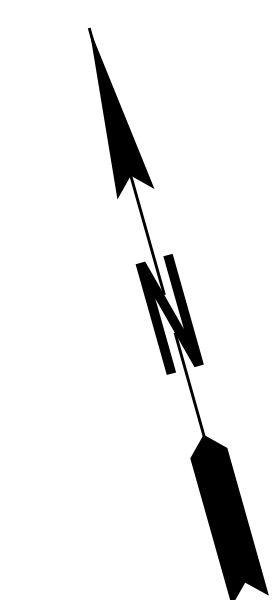
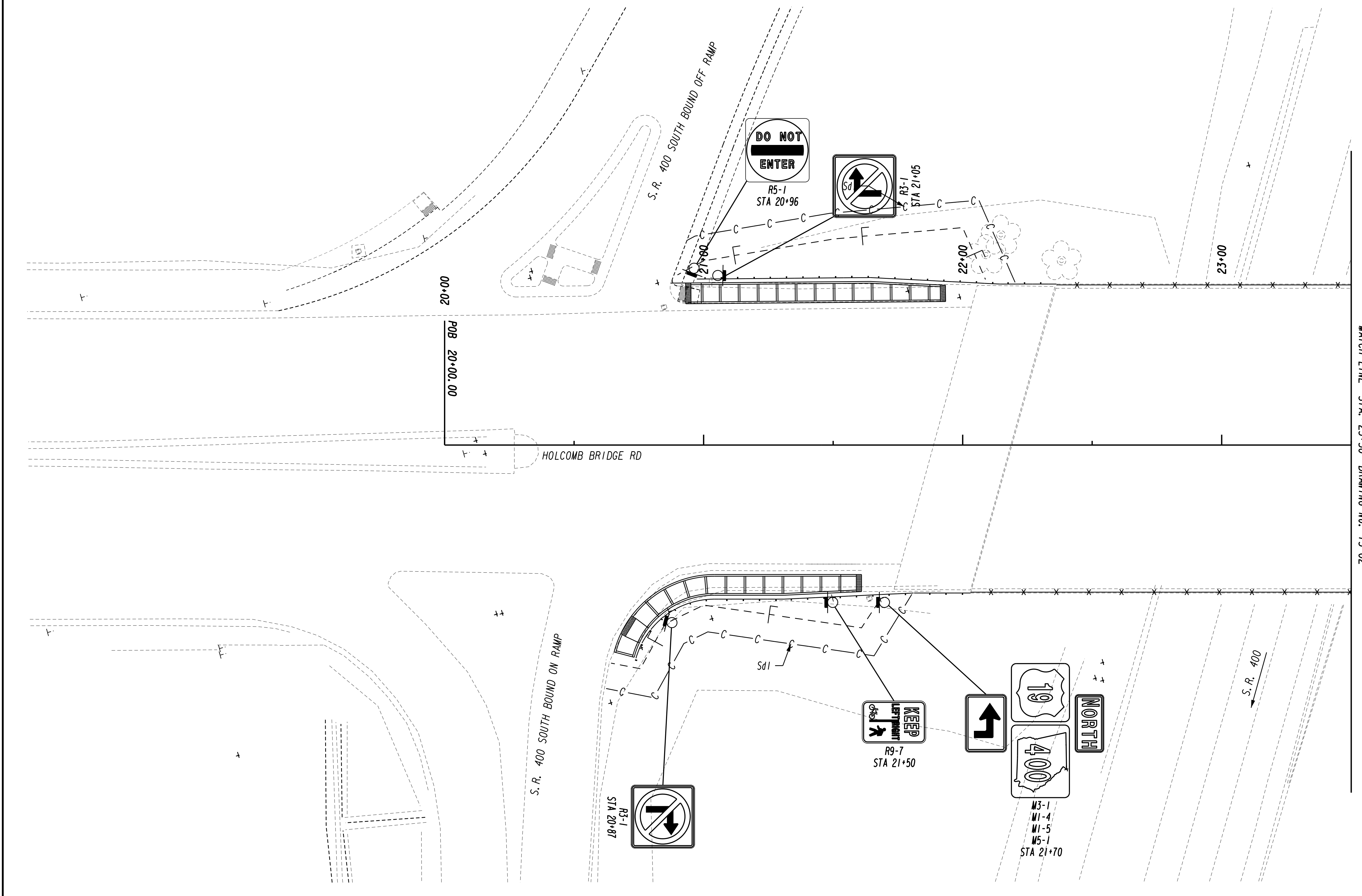
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REVISION DATES	

**UTILITY PLANS**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-002
CORRECTED:	DATE:	
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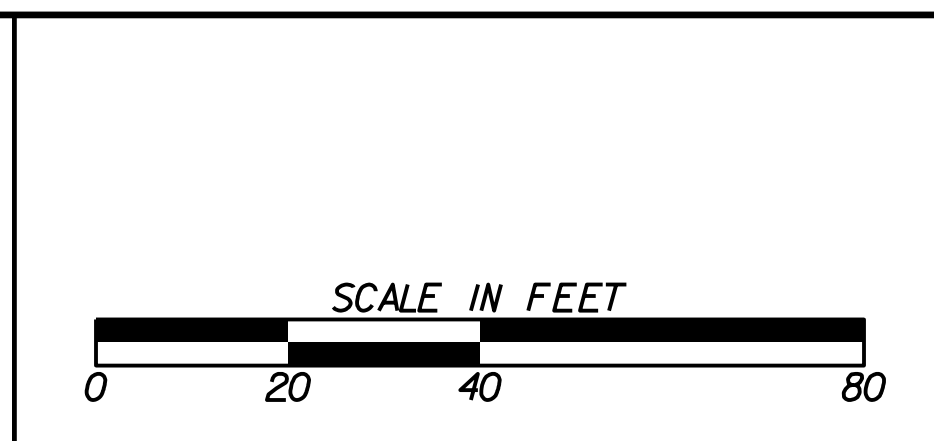
MATCH LINE STA. 23+50 DRAWING No. 13-02

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---C---F---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Hatched Box]

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---
REQ'D R/W & LIMIT OF ACCESS	---

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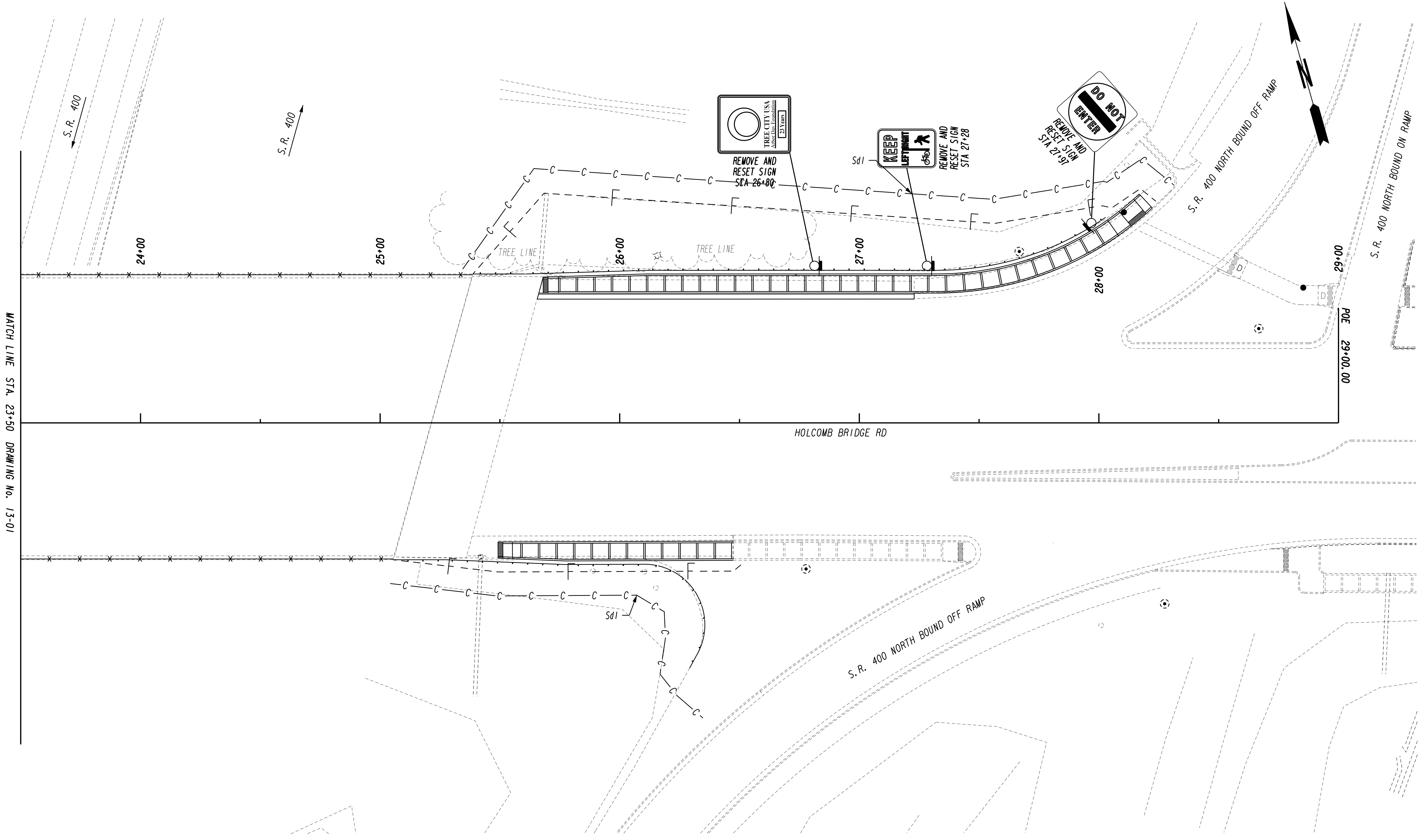


REVISION DATES	

**SIGNING AND MARKING PLANS**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
 CITY OF ROSWELL

CHECKED:	DATE:	DRAWING No. <b>26-001</b>
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	





MATCH LINE STA. 23+50 DRAWING No. 13-01

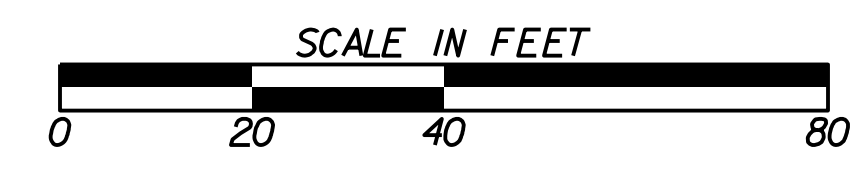
PROPERTY AND EXISTING R/W LINE  
 REQUIRED R/W LINE  
 CONSTRUCTION LIMITS  
 EASEMENT FOR CONSTR  
 & MAINTENANCE OF SLOPES  
 EASEMENT FOR CONSTR OF SLOPES  
 EASEMENT FOR CONSTR OF DRIVES

---@--- BEGIN LIMIT OF ACCESS.....BLA  
 --- END LIMIT OF ACCESS.....ELA  
 ---C---F--- LIMIT OF ACCESS  
 --- REQ'D R/W & LIMIT OF ACCESS



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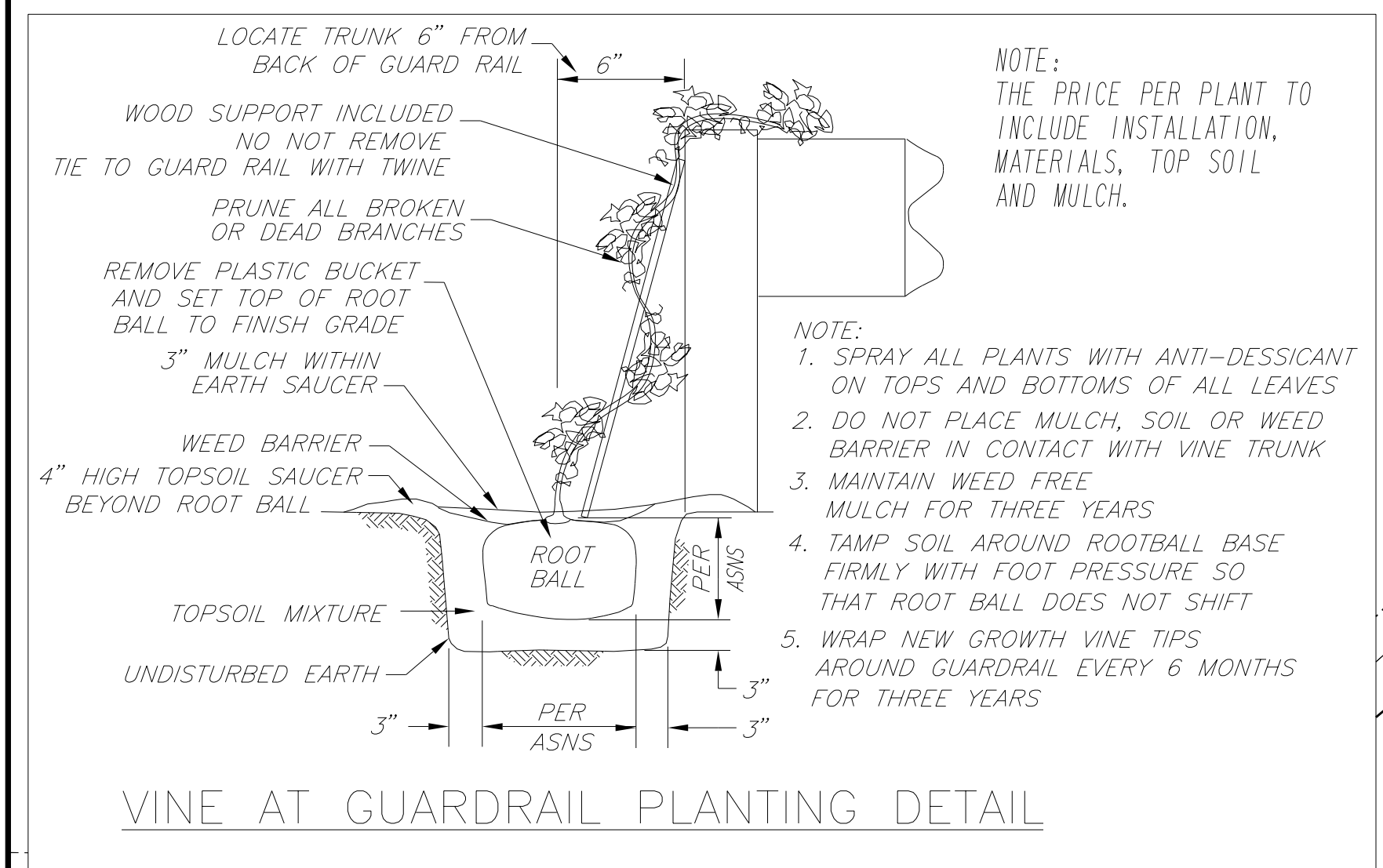
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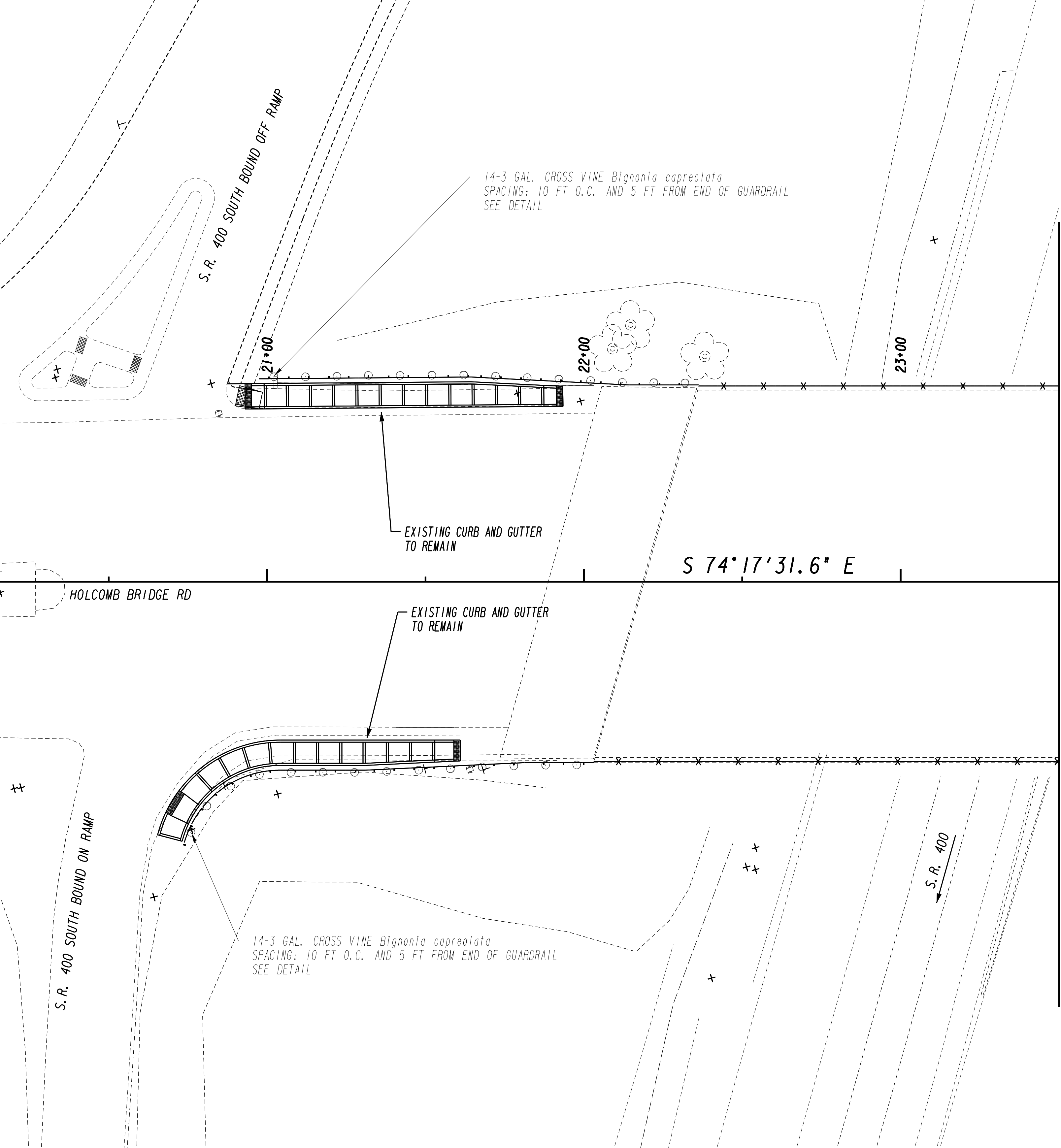
REVISION DATES	

**SIGNING AND MARKING PLANS**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

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VERIFIED:	DATE:	



- NOTE:  
 THE PRICE PER PLANT TO INCLUDE INSTALLATION, MATERIALS, TOP SOIL AND MULCH.
- NOTE:  
 1. SPRAY ALL PLANTS WITH ANTI-DESSICANT ON TOPS AND BOTTOMS OF ALL LEAVES  
 2. DO NOT PLACE MULCH, SOIL OR WEED BARRIER IN CONTACT WITH VINE TRUNK  
 3. MAINTAIN WEED FREE MULCH FOR THREE YEARS  
 4. TAMP SOIL AROUND ROOTBALL BASE FIRMLY WITH FOOT PRESSURE SO THAT ROOT BALL DOES NOT SHIFT  
 5. WRAP NEW GROWTH VINE TIPS AROUND GUARDRAIL EVERY 6 MONTHS FOR THREE YEARS

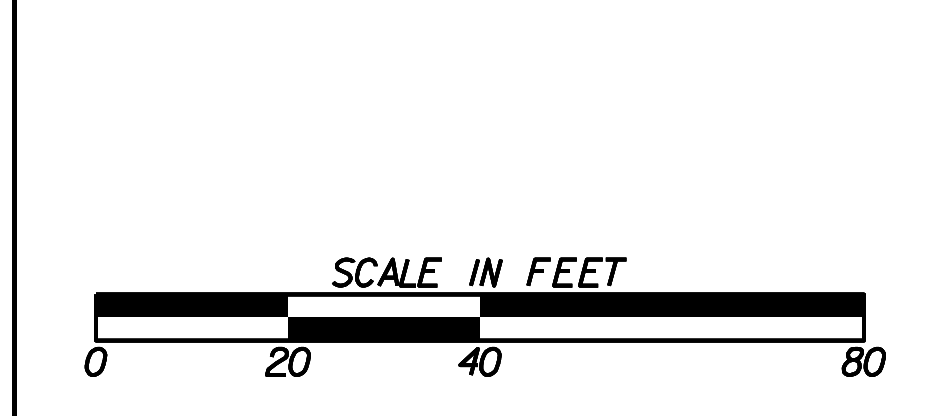


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---C---F---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	▨
EASEMENT FOR CONSTR OF SLOPES	▩
EASEMENT FOR CONSTR OF DRIVES	▧

BEGIN LIMIT OF ACCESS.....BLA	---
END LIMIT OF ACCESS.....ELA	---
LIMIT OF ACCESS	---o---o---
REQ'D R/W & LIMIT OF ACCESS	---  ---  ---

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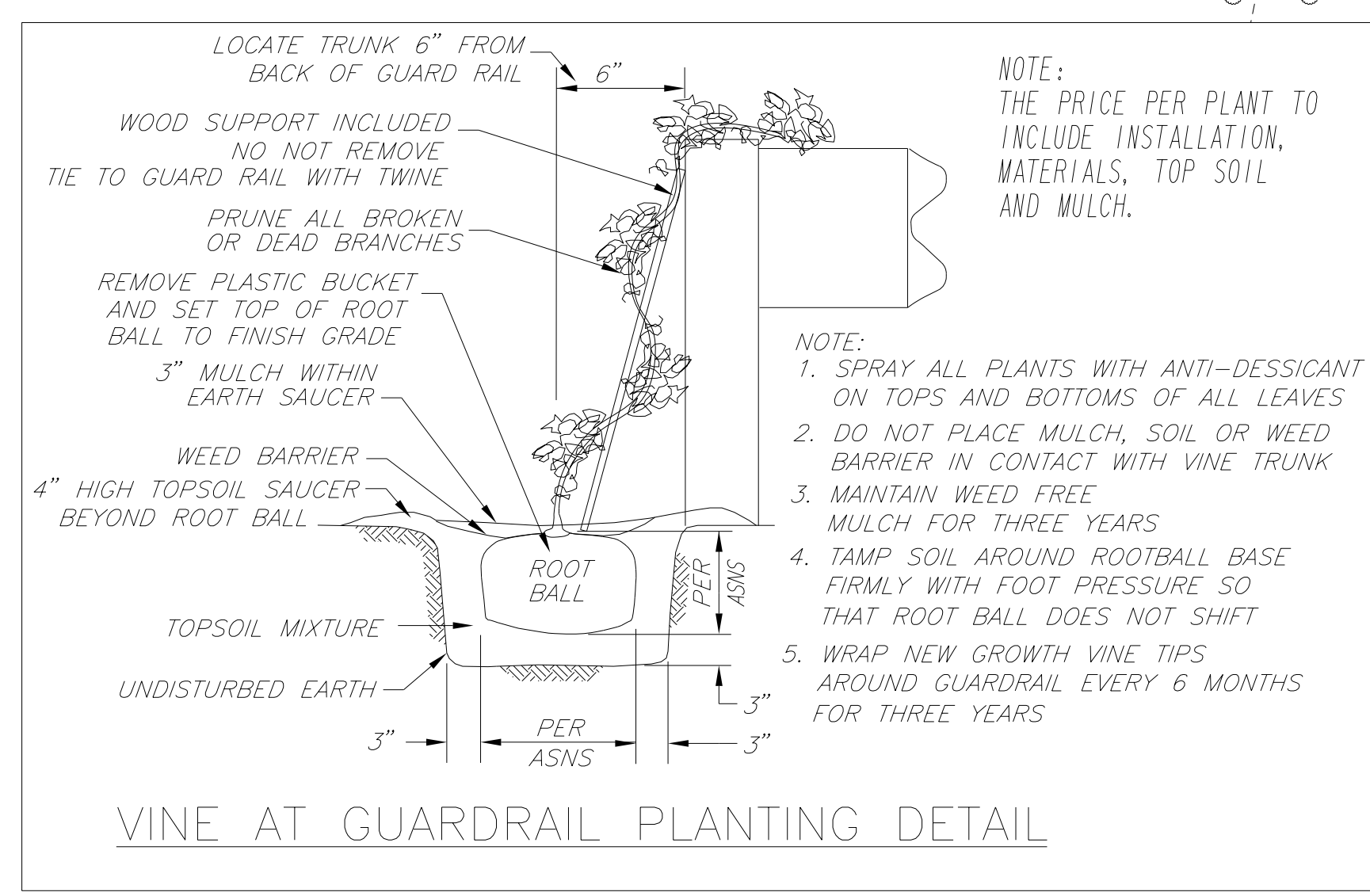
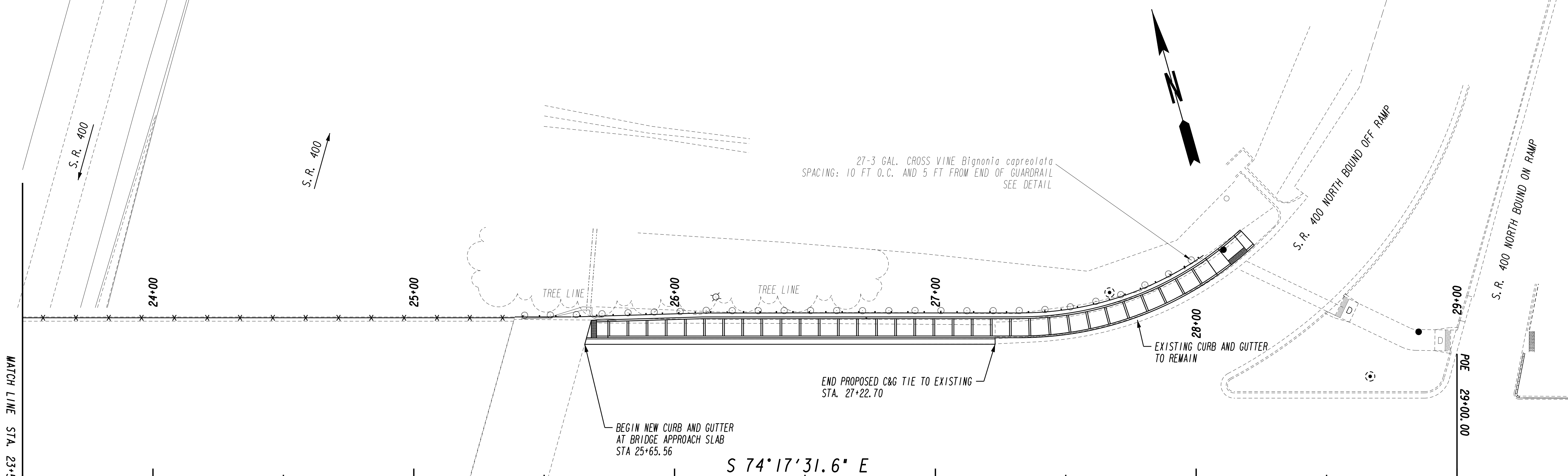
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**LANDSCAPING PLANS**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

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BACKCHECKED:	DATE:	29-001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

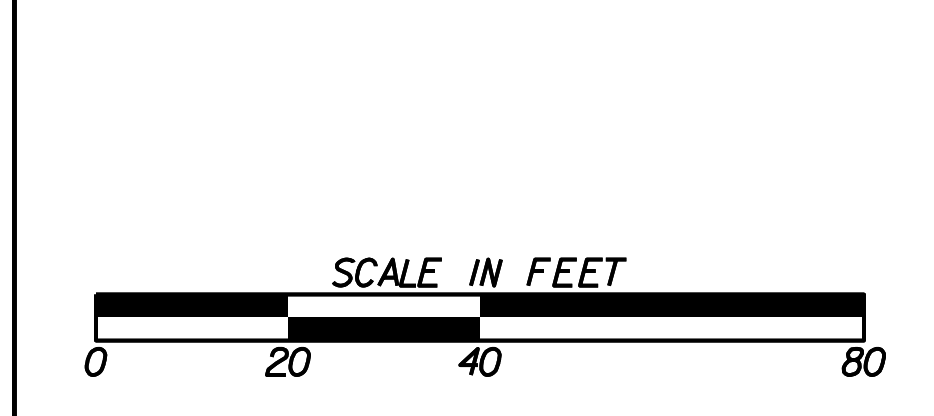


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---C---F---
EASEMENT FOR CONSTR & MAINTENANCE OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF SLOPES	[Hatched Box]
EASEMENT FOR CONSTR OF DRIVES	[Hatched Box]

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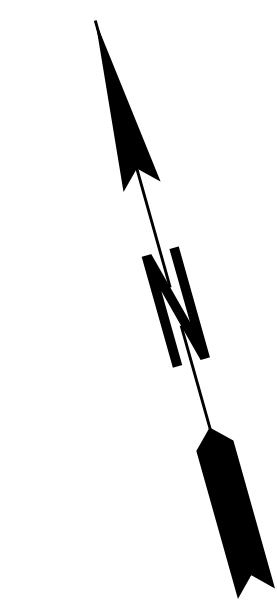
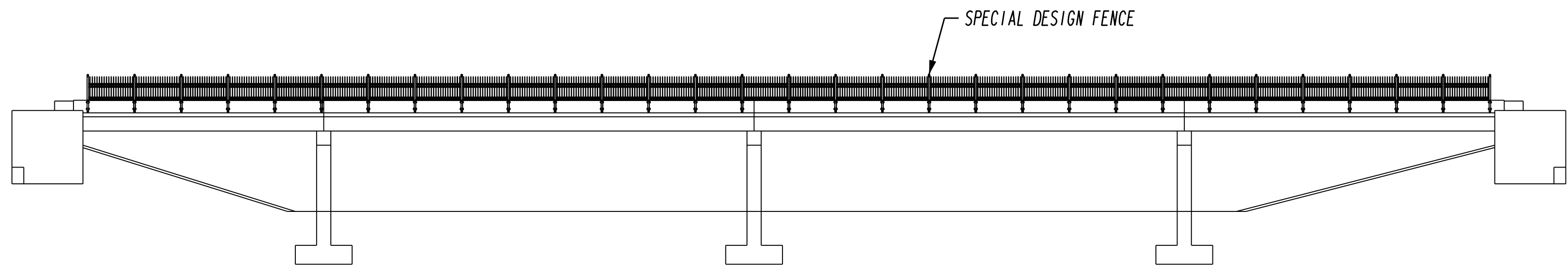
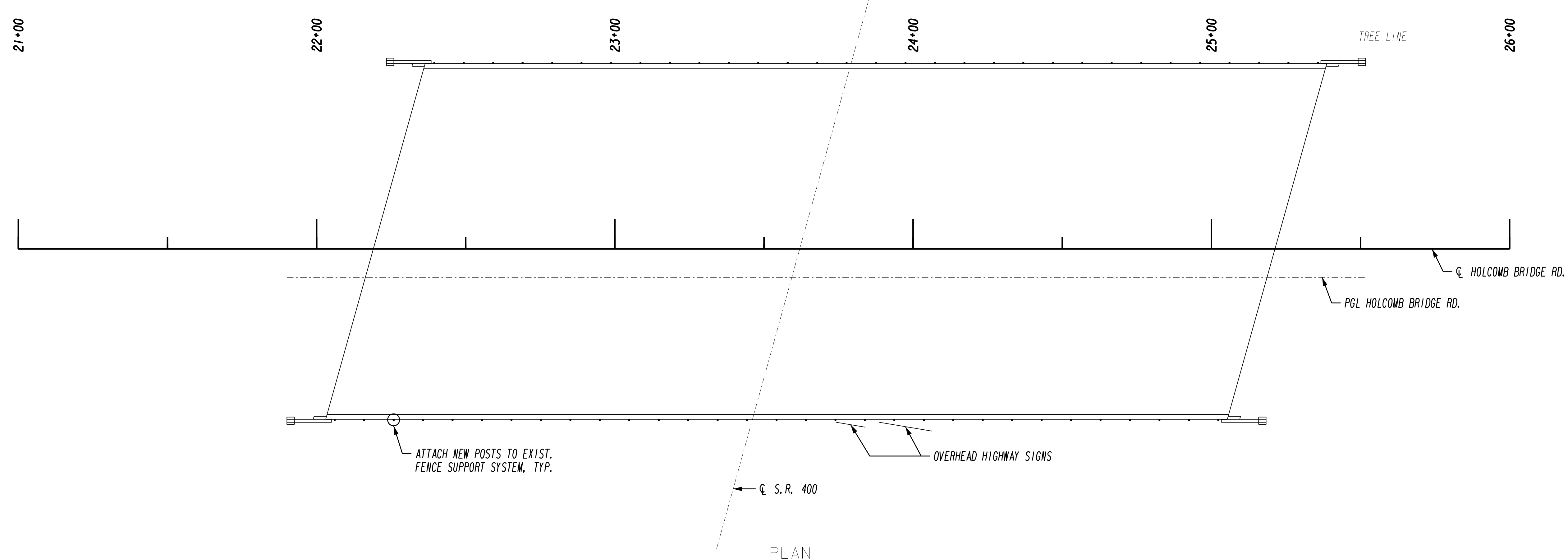
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REVISION DATES	

**LANDSCAPING PLANS**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

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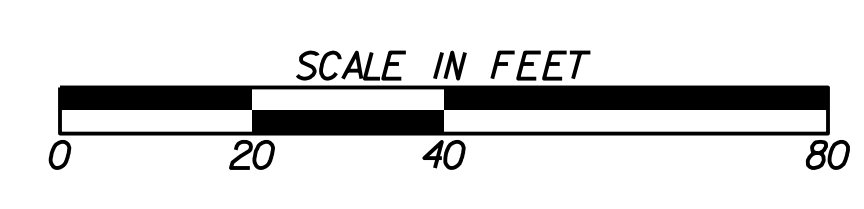


EXISTING BRIDGE SERIAL NO. I21-0086-0  
 EXISTING BRIDGE I.D. NO. I21-0014D-008.03E  
 BRIDGE NO. 1

**PLAN AND ELEVATION**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

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BACKCHECKED:	DATE:	35-001
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**WORK CONSISTS OF**

1. REMOVAL OF EXISTING CHAIN LINK FENCE.
2. REPLACEMENT OF CHAIN LINK FENCE WITH ORNAMENTAL FENCE.

**GENERAL NOTES**

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2013 EDITION AND 2016 SUPPLEMENTAL SPECIFICATIONS, AS MODIFIED BY CONTRACT DOCUMENTS.

CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES 3/4" UNLESS OTHERWISE NOTED.

PROTECTIVE PLATFORMS - PROVIDE PROTECTIVE PLATFORMS AT THIS SITE, SEE SECTION 510 OF THE GEORGIA DOT SPECIFICATIONS. MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 16'-6" ABOVE S.R. 400

TRAFFIC CONTROLS - SEE ROADWAY PLANS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.

EXISTING BRIDGE PLANS - ORIGINAL BRIDGE PLANS MAY BE OBTAINED ON THE GEORGIA DOT WEBSITE AT:  
[HTTP://WWW.DOT.GA.GOV/BS/PROJECTS/PROJECTSEARCH](http://www.dot.ga.gov/bs/projects/projectsearch)

THE ORIGINAL BRIDGE WAS BUILT UNDER PROJECT ID NO. H009381 AND WAS WIDENED UNDER PROJECT NUMBER TSAP-FR-165-1(46) (PROJECT ID NO. 720672).

DIMENSIONS AND ELEVATIONS - VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO ORDERING MATERIALS OR BUILDING FORMS. LIGHT LINES INDICATE THE EXISTING STRUCTURE AND HEAVY LINES INDICATE THE NEW STRUCTURE.

CHAIN LINK FENCE - EXISTING CHAIN LINK FENCE SHALL BE REMOVED, INCLUDE COSTS IN BID PRICE FOR "LUMP - REMOVAL OF PARTS OF EXISTING BRIDGE".

UTILITIES - ANY DAMAGE THAT OCCURS TO EXISTING UTILITIES AS A RESULT OF REPAIR WORK SHALL BE REPAIRED AT NO EXPENSE TO THE STATE. SEE GEORGIA SPECIFICATION SUB-SECTION 107.21.

WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS AND RESEARCH. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.

SALVAGE OF EXISTING BRIDGE MATERIALS - NO MATERIAL REMOVED FROM THE EXISTING STRUCTURE SHALL BE SALVAGE FOR USE BY THE GEORGIA DOT

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF WATERPROOFING, JOINT FILLERS, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

**TRAFFIC DATA**

TRAFFIC ----- ADT = N/A  
 ----- ADT = N/A

DESIGN SPEED ----- 45 MPH

TRUCKS ----- N/A %

24 HR TRUCKS ----- N/A %

DIRECTIONAL ----- N/A %

**SUMMARY OF QUANTITIES**

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
540-1202	LUMP	LS	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO-1
643-8300	594	LF	ORNAMENTAL FENCE



BRIDGE NO. 1



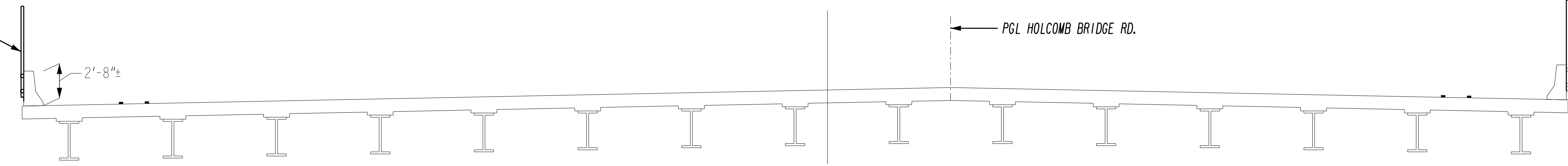
**REVISION DATES**

NO.	DATE	DESCRIPTION

**GENERAL NOTES**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

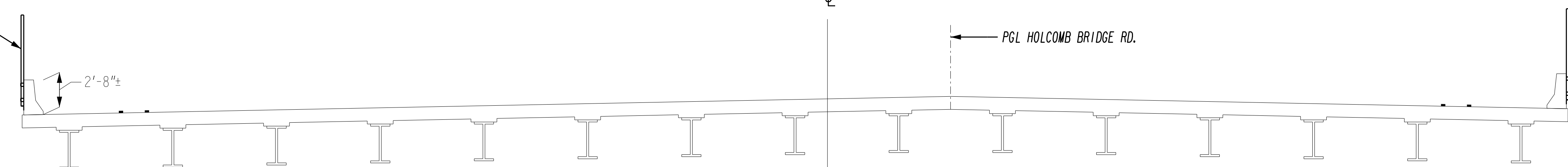
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	35-002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

CHAIN LINK FENCE TO BE REMOVED (BOTH SIDES).

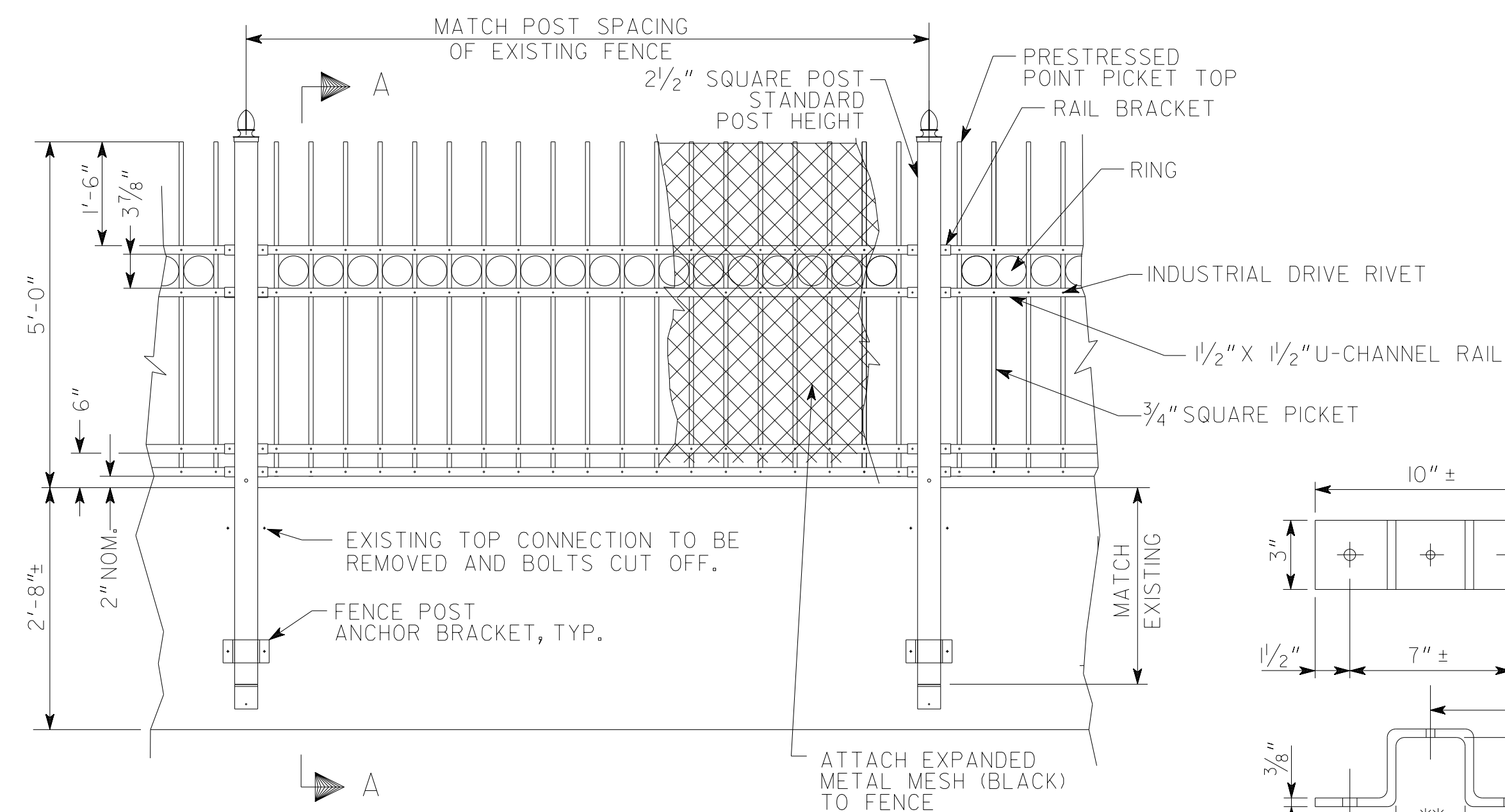


TYPICAL SECTION - EXISTING

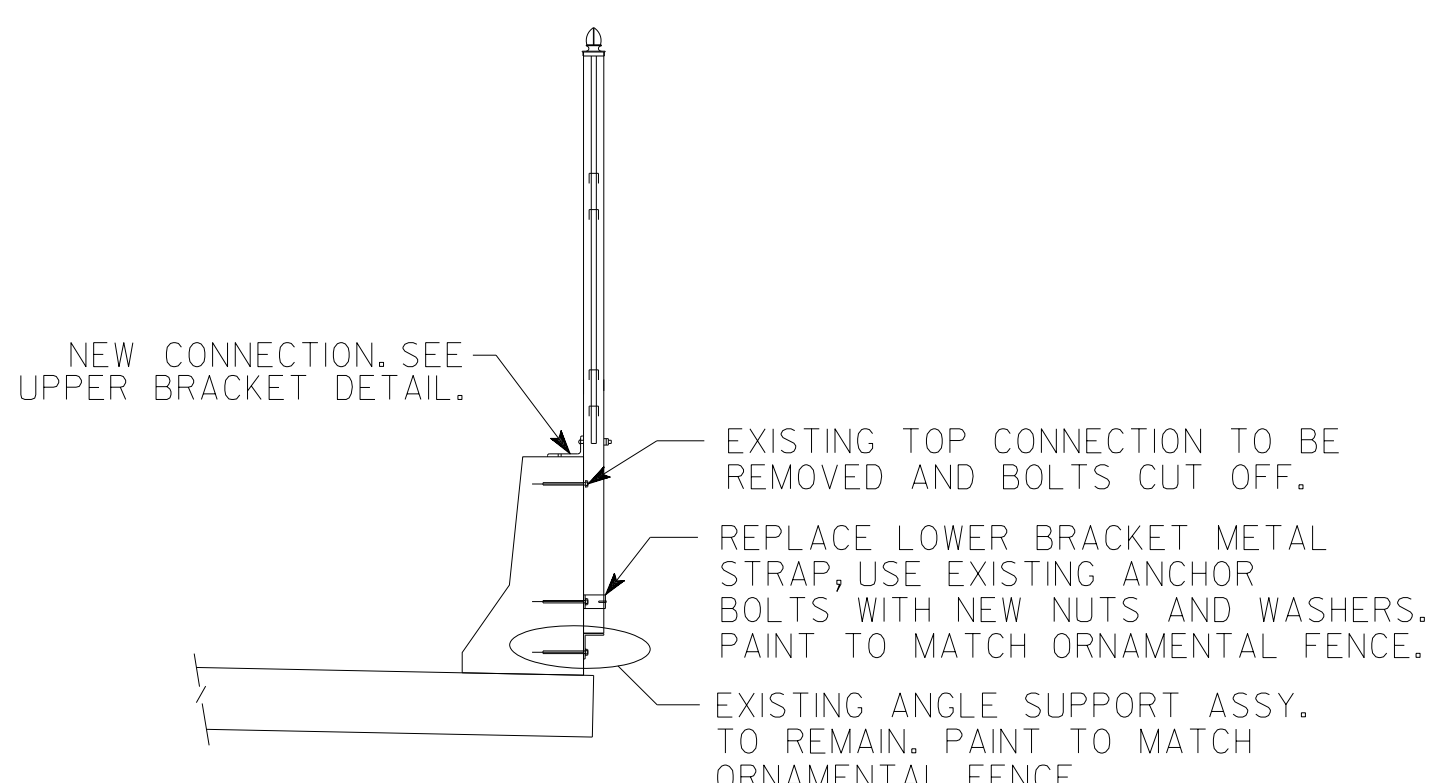
EXPANDED METAL MESH (OUTSIDE FACE)



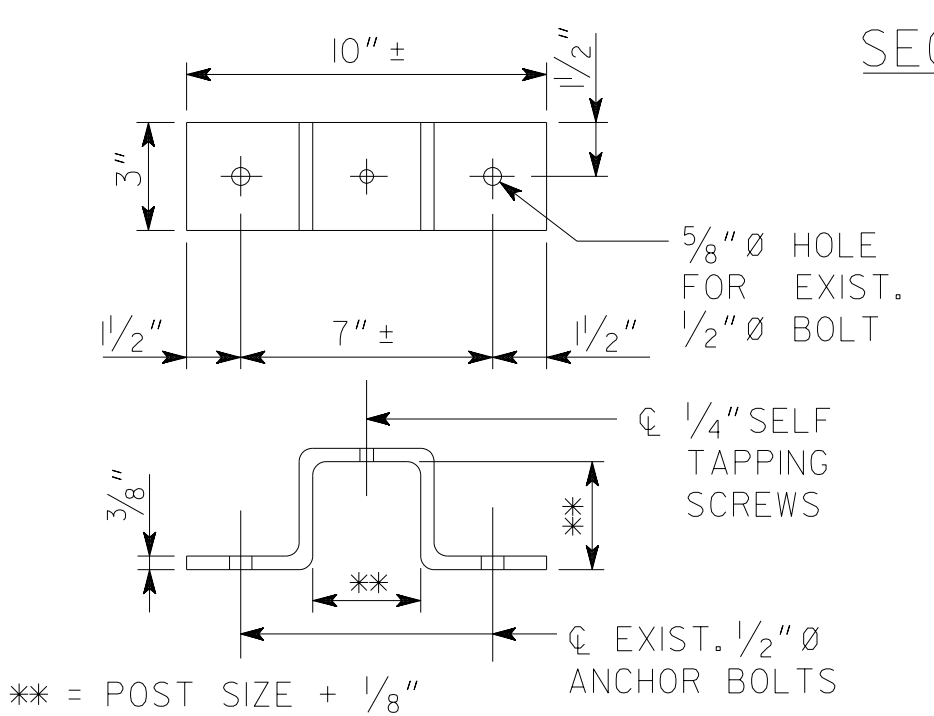
TYPICAL SECTION - PROPOSED



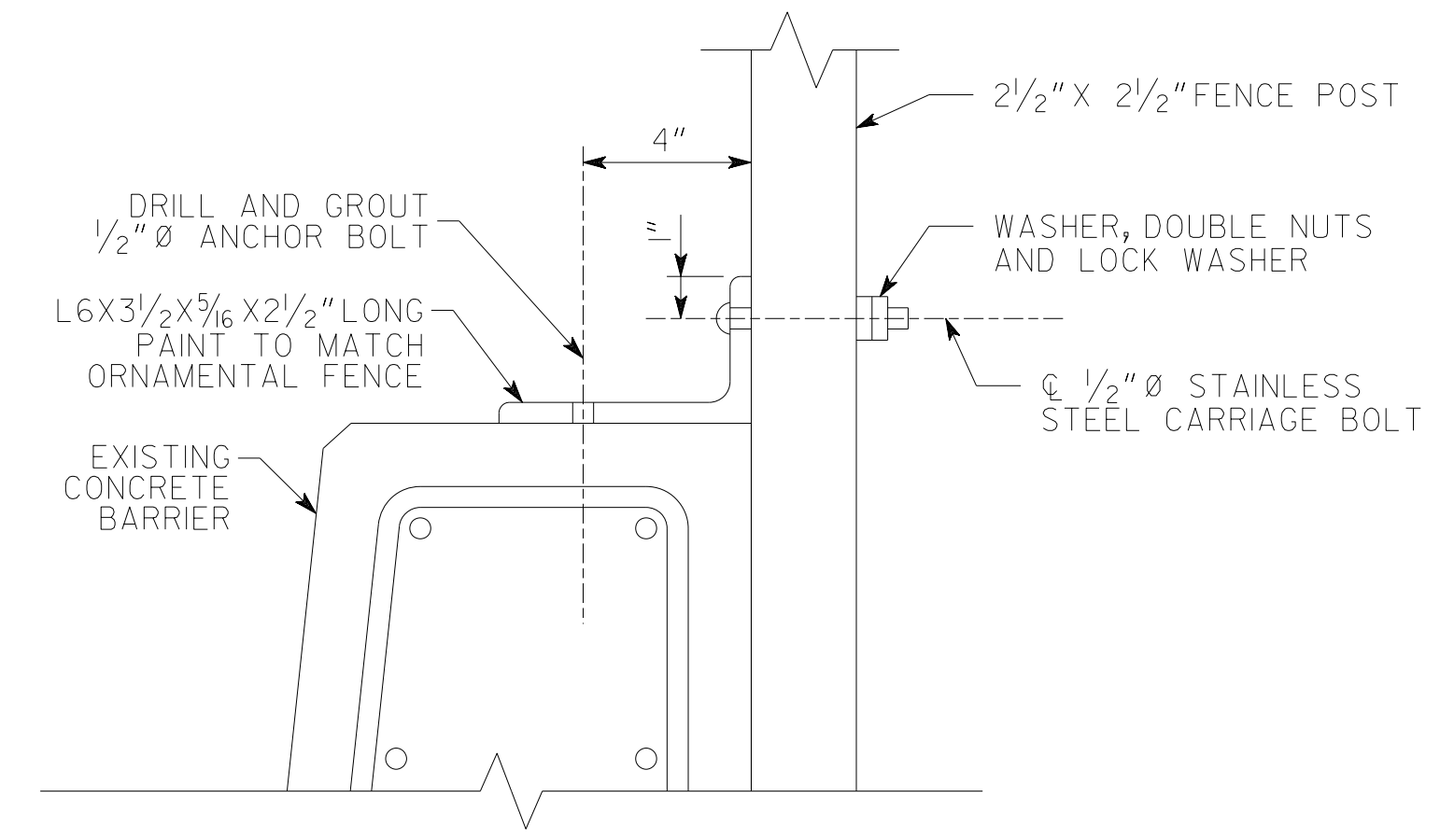
FENCE DETAIL  
(FENCE WITH STANDARD ACORN POST CAP)



SECTION A-A



LOWER BRACKET DETAIL



UPPER BRACKET DETAIL

FENCE NOTES:

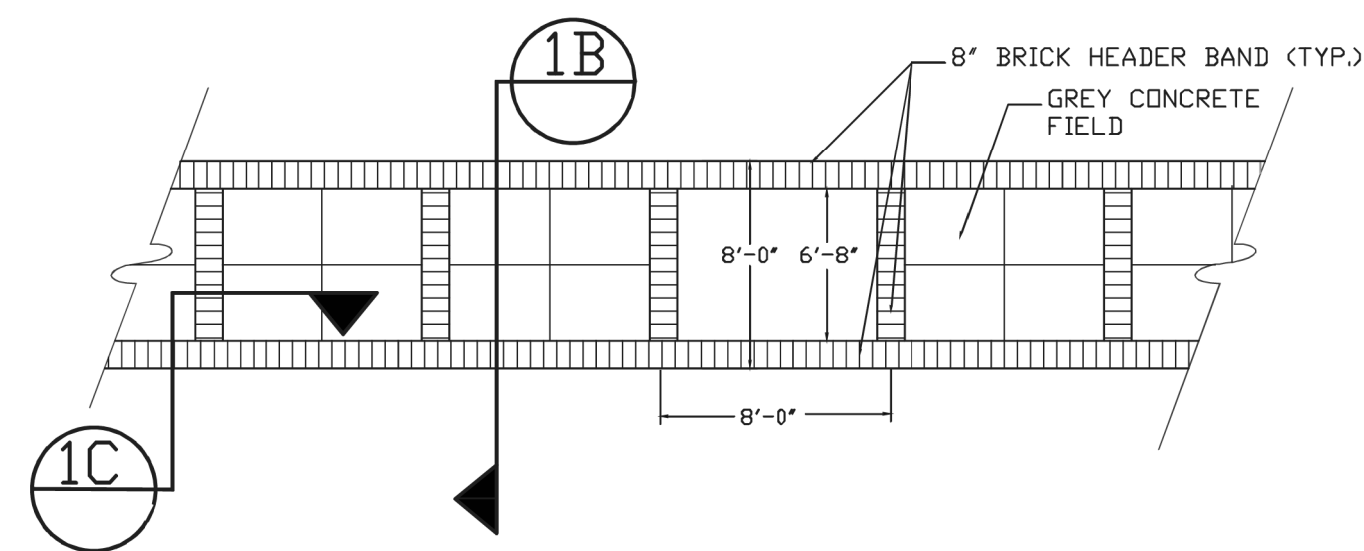
- PROVIDE EXPANSION SLEEVE FOR ALL RAILS TO MATCH SUPERSTRUCTURE JOINTS.
- FENCE POST SPACING = C- EXISTING FENCE POST SPACING.
- ALL NUTS SHALL BE PROPERLY TIGHTENED. LOCK WASHERS OR OTHER MEANS SHALL BE USED TO PREVENT NUTS FROM BECOMING LOOSE IN THE FUTURE.
- FOR FURTHER DETAILS, SEE GEORGIA DOT SPECIFICATIONS SPECIAL PROVISION SECTIONS 643.
- EXPANDED METAL MESH SHALL BE FASTENED TO POST AT INTERVALS NOT GREATER THAN 14".
- CONTRACTOR SHALL MEASURE ALL POST SPACINGS AND PROVIDE ADEQUATE ADJUSTABILITY TO ENSURE A GOOD FIT ON THE BRIDGE.
- EXISTING ANCHORS AND FASTENING COMPONENTS THAT ARE NOT IN GOOD CONDITION SHALL BE REPLACED AT NO ADDITIONAL COST.



BRIDGE NO. 1

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**Clark Patterson Lee**  
 ARCHITECTURE | ENGINEERING | PLANNING

REVISION DATES			MISCELLANEOUS DETAILS	
			<b>HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS</b> <b>CITY OF ROSWELL</b>	
CHECKED:		DATE:	DRAWING No.	
BACKCHECKED:		DATE:	35-003	
CORRECTED:		DATE:		
VERIFIED:		DATE:		

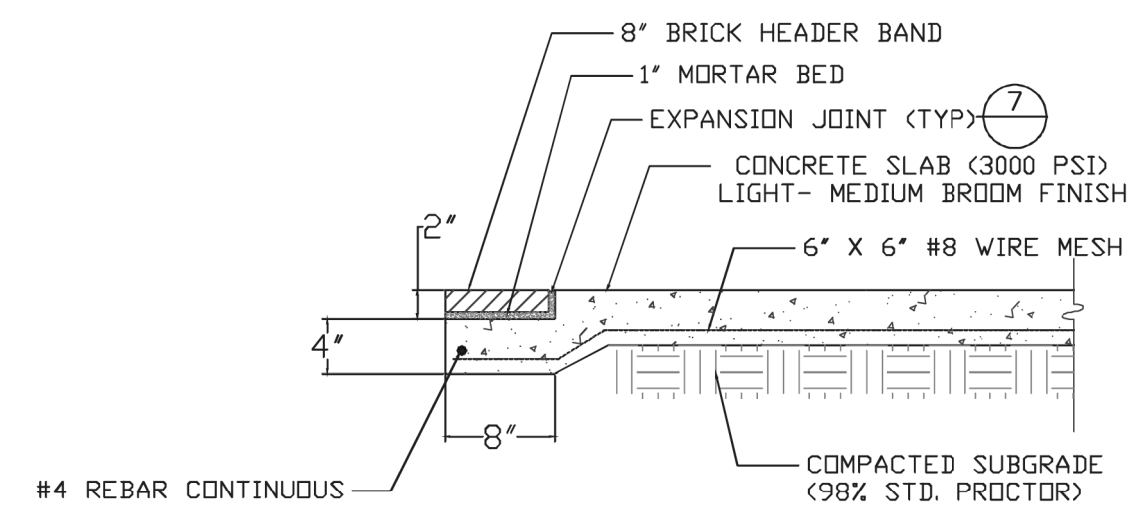


**CONCRETE:**  
COLOR: PLAIN GREY  
FINISH: LIGHT TO MEDIUM BROOM FINISH  
PERPENDICULAR TO DIRECTION OF TRAVEL

**BRICK:**  
**PINE HALL BRICK**  
GEORGIAN EDGE FULL RANGE COLOR;  
STRAIGHT EDGE W/ LUGS  
4" X 8" CLAY BRICK

**OR**  
**BORAL BRICK**  
HEARTLAND FLASHED;  
STRAIGHT EDGE W/ LUGS  
4" X 8" CLAY BRICK

**1A** CONCRETE AND BRICK BANDED SIDEWALK-PLAN VIEW  
SCALE: N.T.S.

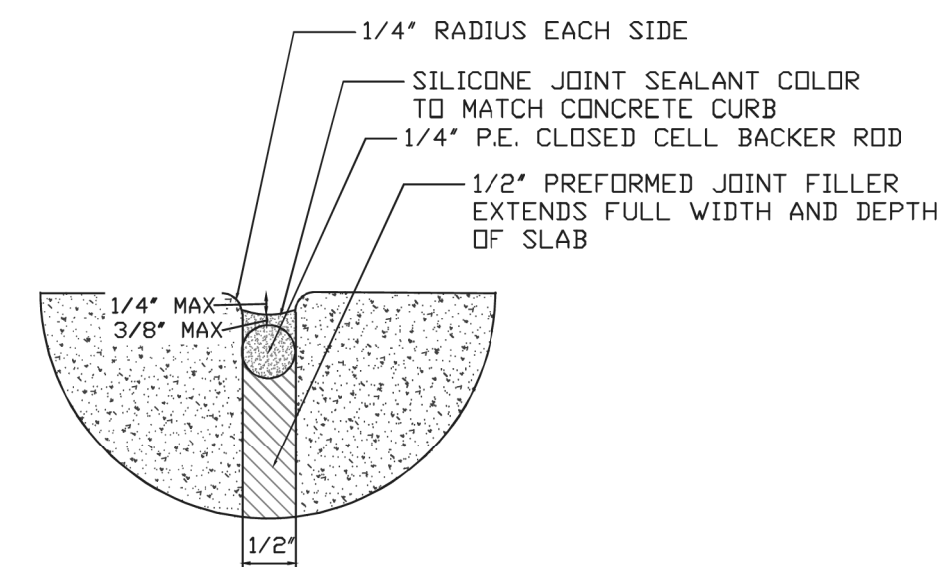


**CONCRETE:**  
COLOR: PLAIN GREY  
FINISH: LIGHT TO MEDIUM BROOM FINISH  
PERPENDICULAR TO DIRECTION OF TRAVEL

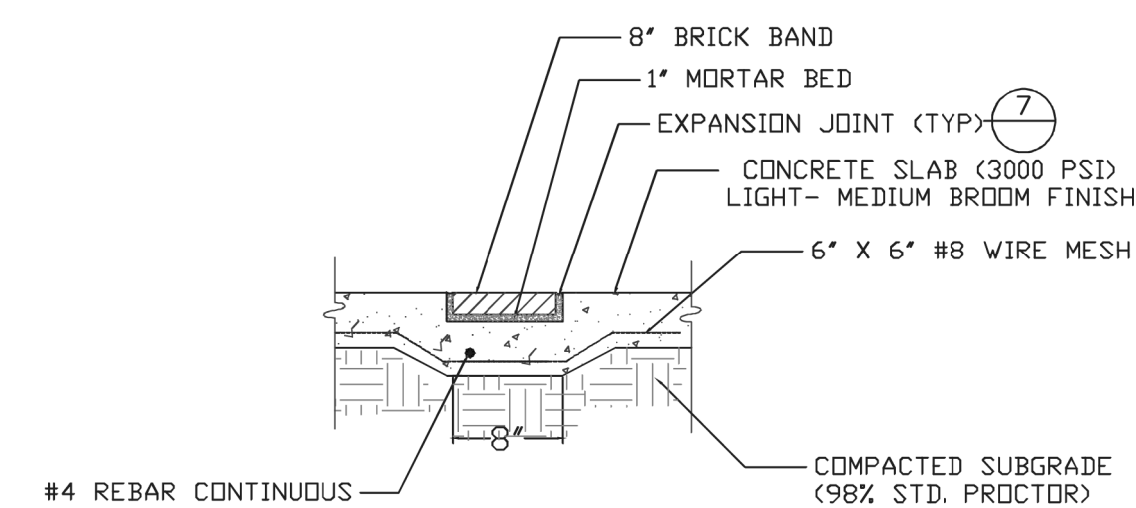
**BRICK:**  
**PINE HALL BRICK**  
GEORGIAN EDGE FULL RANGE COLOR;  
STRAIGHT EDGE W/ LUGS  
4" X 8" CLAY BRICK

**OR**  
**BORAL BRICK**  
HEARTLAND FLASHED;  
STRAIGHT EDGE W/ LUGS  
4" X 8" CLAY BRICK

**1B** CONCRETE AND BRICK BANDED SIDEWALK-SECTION  
SCALE: N.T.S.



**7** CONCRETE EXPANSION JOINTS  
SCALE: N.T.S.



**1C** BRICK BAND IN CONCRETE SIDEWALK-SECTION  
SCALE: N.T.S.

REVISION DATES

NO.	DATE	DESCRIPTION

**SPECIAL CONSTRUCTION DETAILS**  
**HOLCOMB BRIDGE - AESTHETIC IMPROVEMENTS**  
**CITY OF ROSWELL**

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	38-001
CORRECTED:	DATE:	
VERIFIED:	DATE:	