

CAUTION NOTE:

THE CONTRACTOR SHALL BE AWARE THAT OVERHEAD ELECTRIC, UNDERGROUND FIBER OPTIC, GAS, AND TELEPHONE UTILITIES EXIST ALONG SCENIC LOOP ROAD. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THESE UTILITIES LOCATED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THIS AREA. ANY DAMAGE DONE TO THESE EXISTING FACILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.

NOTES:

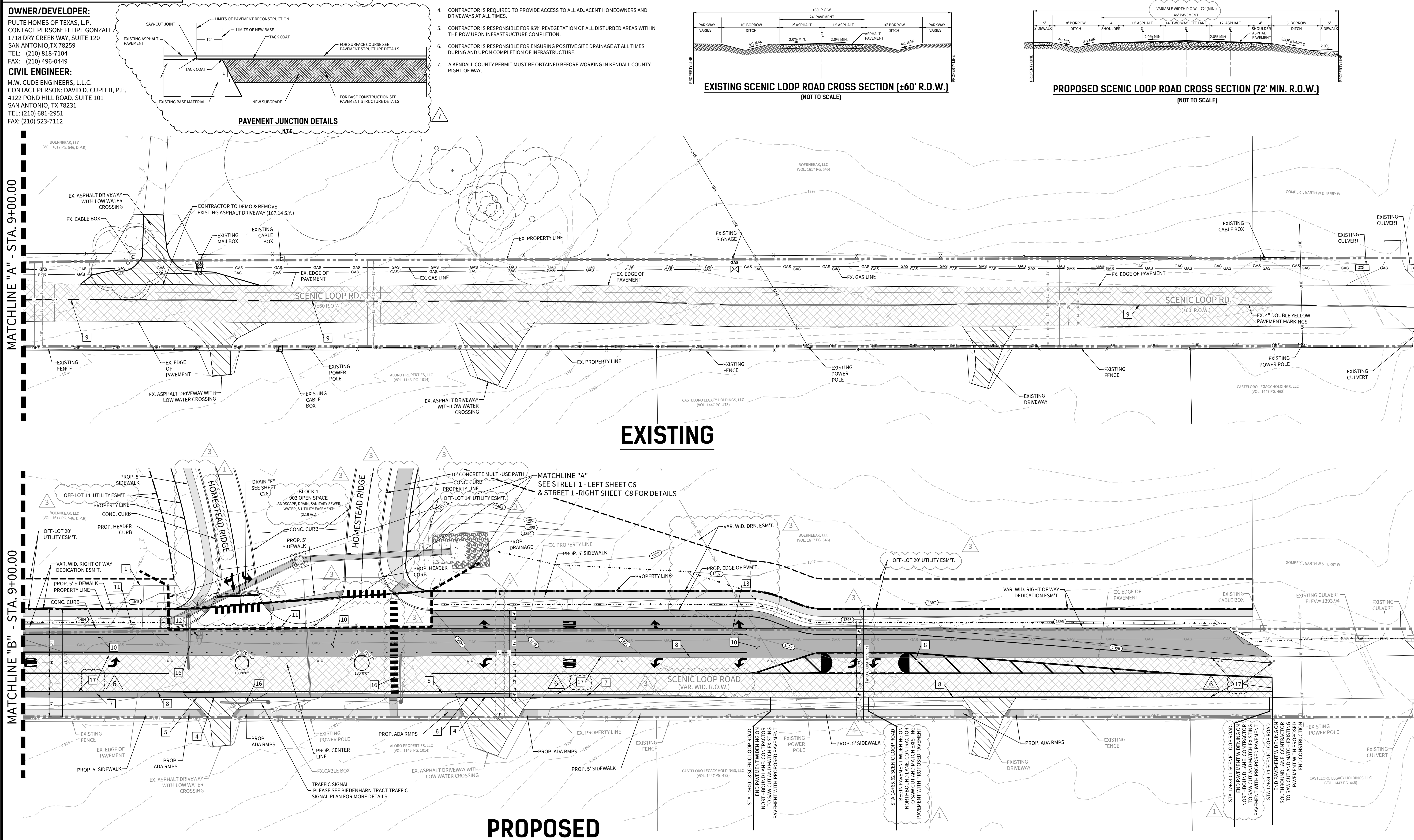
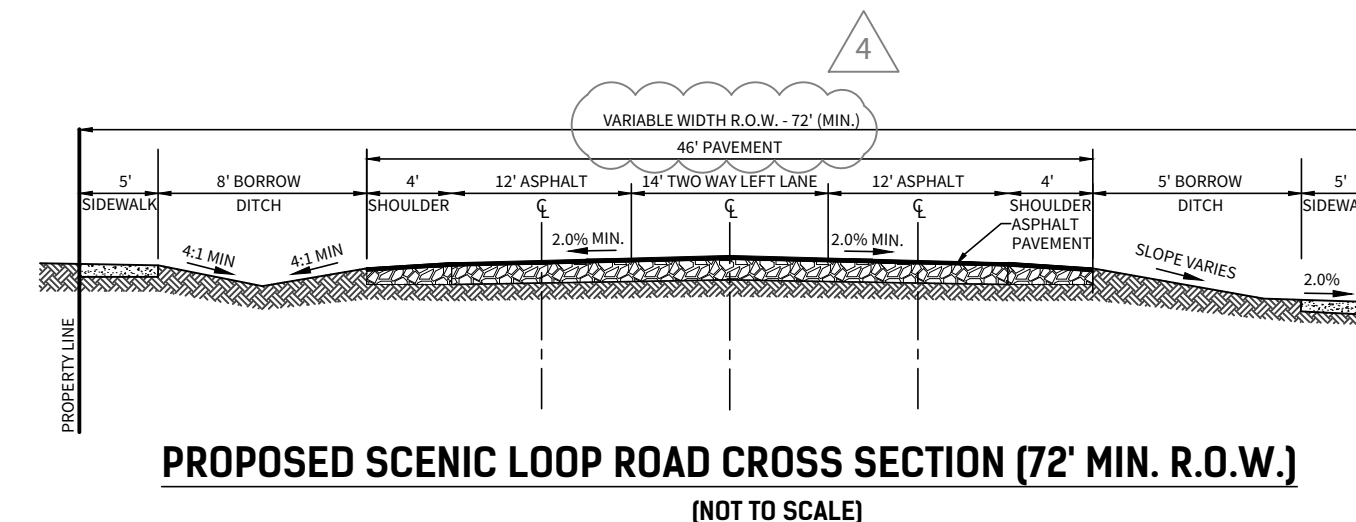
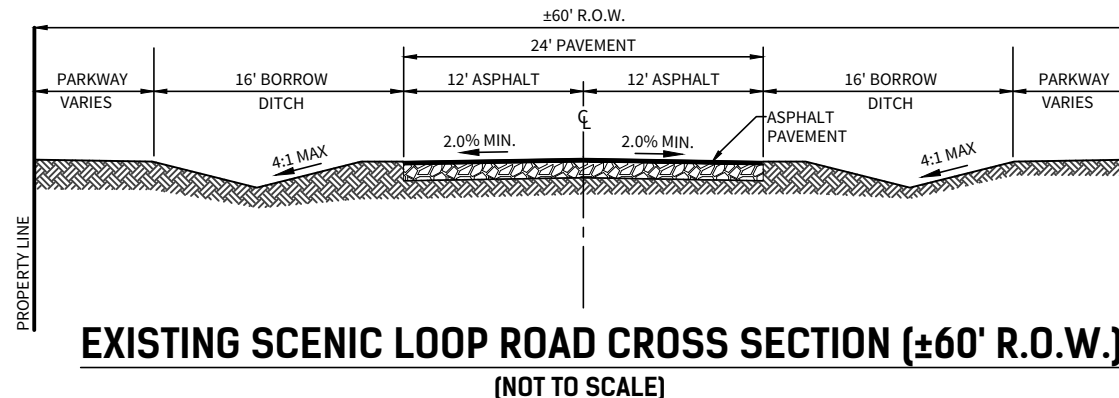
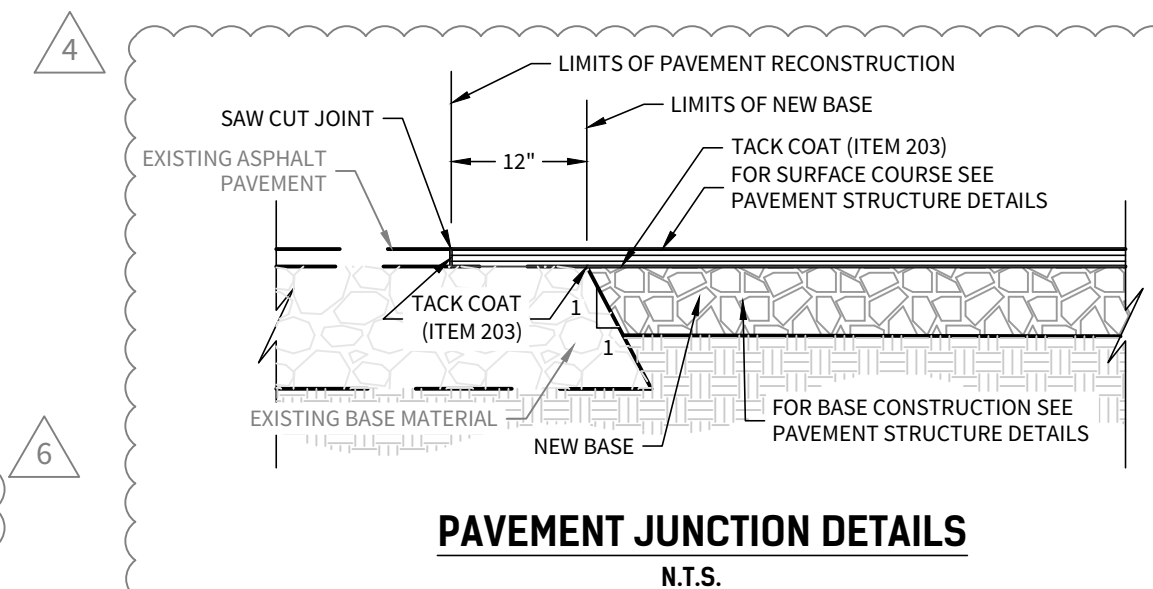
1. ALL PAVEMENT MARKINGS AND STRIPING SHALL BE HOT APPLIED THERMOPLASTIC PAVEMENT MARKINGS PER CITY OF BOERNE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
2. THE CONTRACTOR SHALL BE AWARE THAT EXISTING OVERHEAD ELECTRIC AND UNDERGROUND CABLE TV UTILITIES EXIST ALONG SCENIC LOOP ROAD. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THESE UTILITIES LOCATED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THIS AREA. ANY DAMAGE DONE TO THESE EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.
3. CONTRACTOR IS REQUIRED TO REPLACE ALL EXISTING FENCES AND/OR DRIVEWAYS TO EXISTING OR BETTER CONDITION.
4. CONTRACTOR IS REQUIRED TO PROVIDE ACCESS TO ALL ADJACENT HOMEOWNERS AND DRIVEWAYS AT ALL TIMES.
5. CONTRACTOR IS RESPONSIBLE FOR 85% REVEGETATION OF ALL DISTURBED AREAS WITHIN THE ROW UPON INFRASTRUCTURE COMPLETION.
6. CONTRACTOR IS RESPONSIBLE FOR ENSURING POSITIVE SITE DRAINAGE AT ALL TIMES DURING AND UPON COMPLETION OF INFRASTRUCTURE.
7. A KENDALL COUNTY PERMIT MUST BE OBTAINED BEFORE WORKING IN KENDALL COUNTY RIGHT OF WAY.

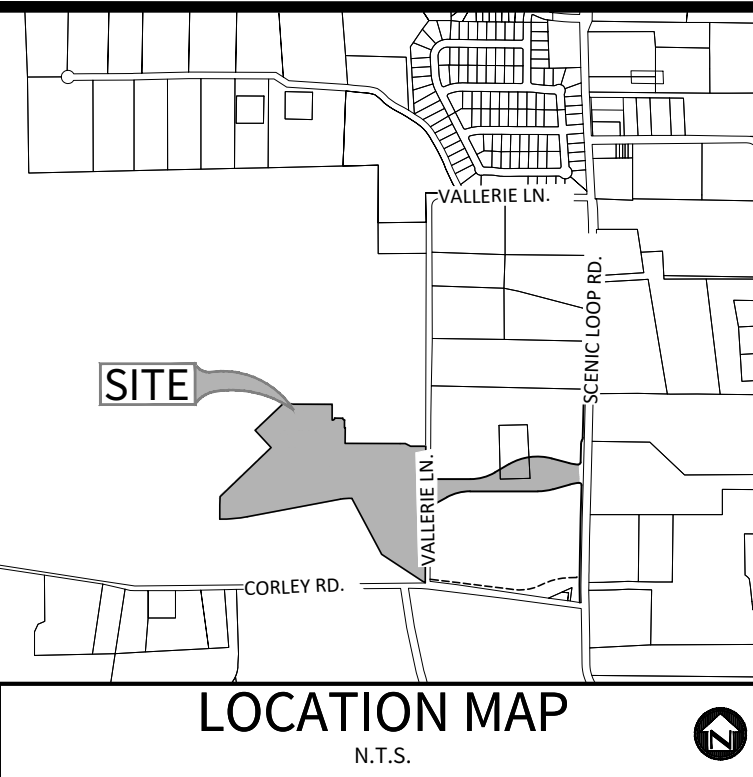
KEYNOTES:

- | | |
|---|---|
| 1 | CONTRACTOR TO DEMO AND RELOCATE EXISTING FENCE |
| 2 | CONTRACTOR TO REMOVE EX. GRATE INLET AND PLUG EXISTING STORM PIPE |
| 3 | CONTRACTOR TO DEMO EX. DRIVEWAY AND REPLACE WITH ASPHALT - (8.87 S.Y.) |
| 4 | CONTRACTOR TO MATCH PROP. PAVEMENT TO DRIVEWAY ELEVATION |
| 5 | CONTRACTOR TO DEMO EX. DRIVEWAY AND REPLACE WITH ASPHALT - (18.43 S.Y.) |
| 6 | CONTRACTOR TO DEMO EX. DRIVEWAY AND REPLACE WITH ASPHALT - (14.28 S.Y.) |

- | | |
|----|---|
| 7 | CONTRACTOR TO INSTALL 4" HMACT TYPE "C" & 11.5" HMACT TYPE "B" (NORTHBOUND 206 S.V.) |
| 8 | CONTRACTOR TO SAWCUT AND MATCH EXISTING PAVEMENT WITH THE PROPOSED PAVEMENT |
| 9 | CONTRACTOR TO OBLITERATE THE EXISTING 4" DOUBLE YELLOW PAVEMENT MARKINGS (1,287 L.F. OVERALL) |
| 10 | CONTRACTOR TO INSTALL 4" HMACT TYPE "C" & 11.5" HMACT TYPE "B" (SOUTHBOUND 3,201 S.V.) |
| 11 | EX. CABLE BOX TO BE RELOCATED OUTSIDE OF PROPOSED PAVEMENT BY OTHERS |
| 12 | EX. MAIL BOX TO BE RELOCATED OUTSIDE OF PROPOSED PAVEMENT |

- 13 EX. SIGNAGE TO BE RELOCATED OUTSIDE OF PROPOSED PAVEMENT
- 14 EX. POWER POLE TO BE RELOCATED OUTSIDE OF PROPOSED PAVEMENT (BY OTHERS - BOERNE ELECTRIC COMPANY)
- 15 EX. VENT PIPE TO BE RELOCATED OUTSIDE OF PROPOSED PAVEMENT BY OTHERS
- 16 TRAFFIC SIGNAL
PLEASE SEE BIDENHARN TRACT TRAFFIC SIGNAL PLAN FOR MORE DETAILS
- 17 CONTRACTOR TO INSTALL 1.5" HMAC OVER EXISTING PAVEMENT(4,746 S.Y.)



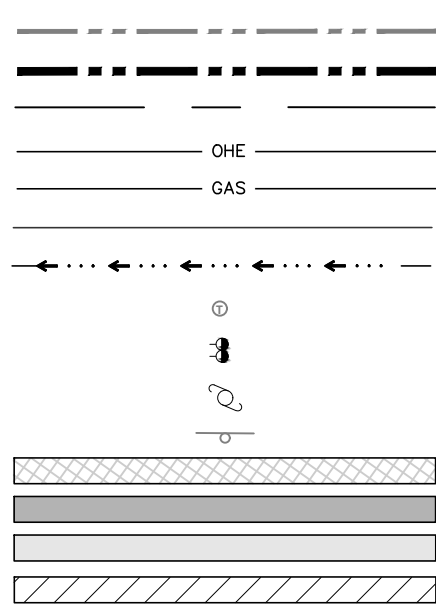


OWNER/DEVELOPER:
PULTE HOMES OF TEXAS, L.P.
CONTACT PERSON: FELIPE GONZALEZ
1718 DRY CREEK WAY, SUITE 120
SAN ANTONIO, TX 78259
TEL: (210) 818-7104
FAX: (210) 496-0449

CIVIL ENGINEER:
M.W. CUDE ENGINEERS, L.L.C.
CONTACT PERSON: DAVID D. CUPIT II, P.E.
4122 POND HILL ROAD, SUITE 101
SAN ANTONIO, TX 78231
TEL: (210) 681-2951
FAX: (210) 523-7112

LEGEND:

EXISTING ROW/PROPERTY LINE
PROPOSED ROW LINE
EXISTING STREET CENTERLINE
EXISTING OVERHEAD ELECTRIC
EXISTING GAS LINE
EXISTING EDGE OF PAVEMENT
PROPOSED DRAIN FLOW
EXISTING FIBER OPTIC MANHOLE
EXISTING GUY WIRE
EXISTING POWER POLE
EXISTING SIGN
EXISTING PAVEMENT
PROPOSED PAVEMENT
PROPOSED SIDEWALK
EXISTING DRIVEWAY



CAUTION NOTE:

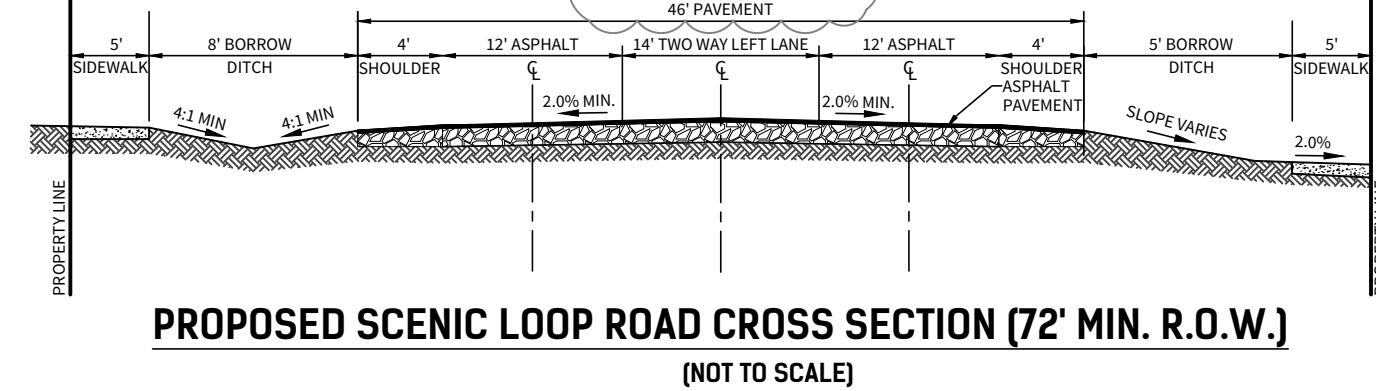
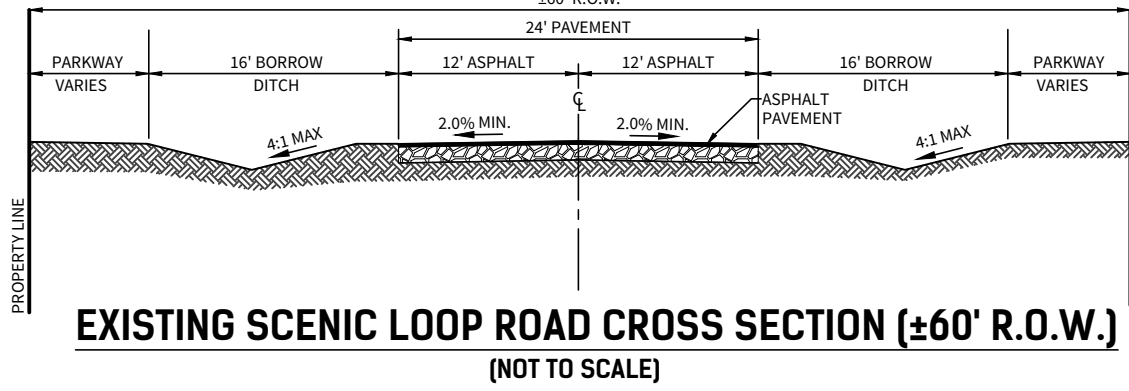
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NOTES:

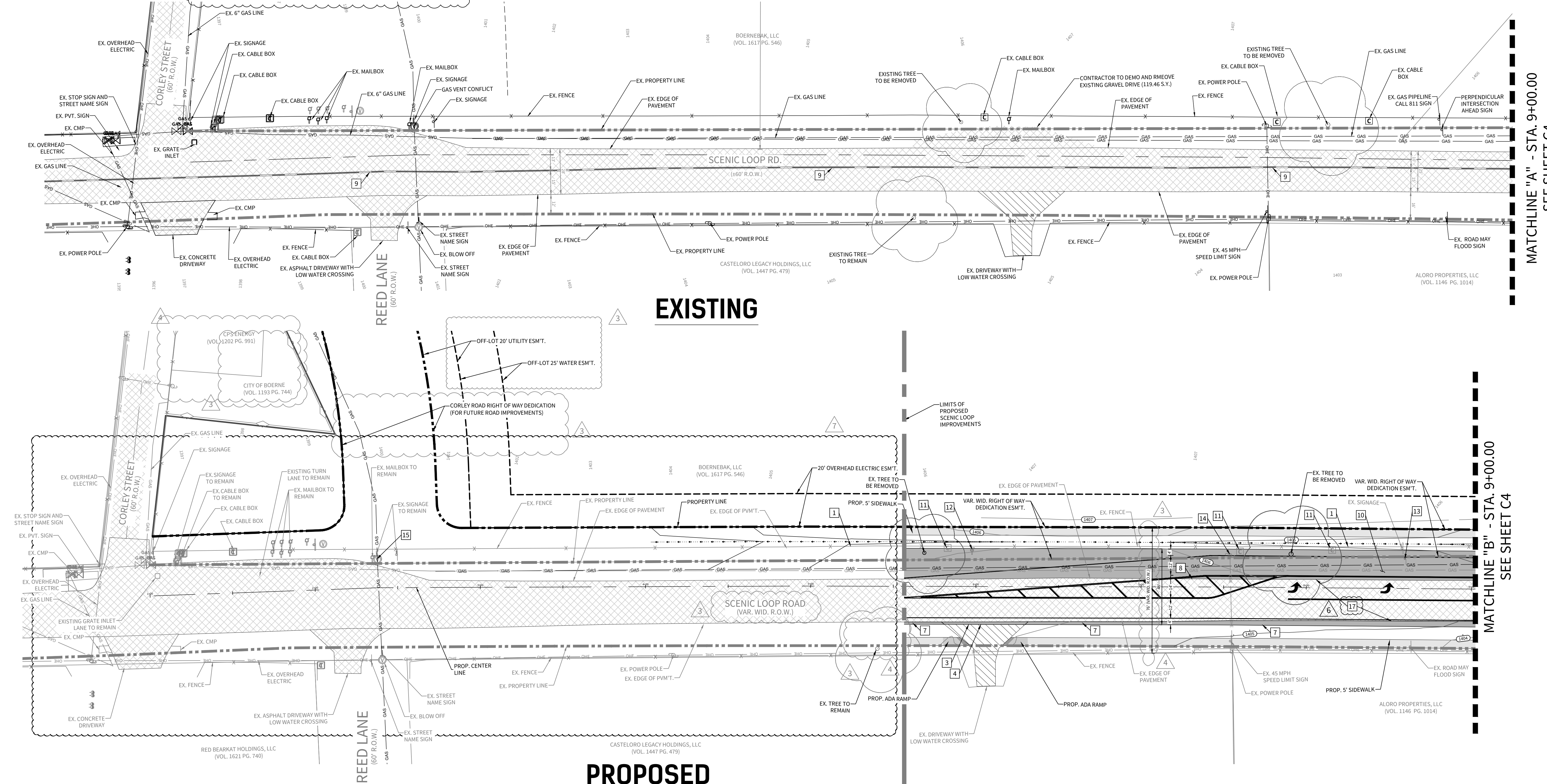
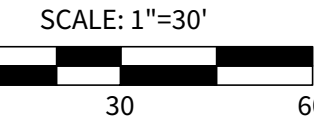
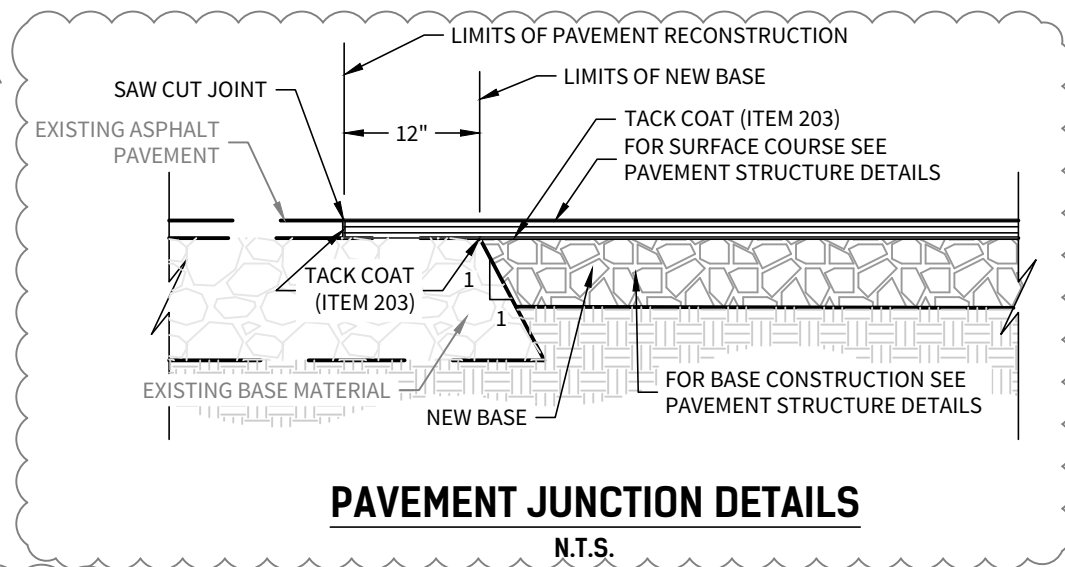
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KEYNOTES:

1. CONTRACTOR TO DEMO AND RELOCATE EXISTING FENCE
2. CONTRACTOR TO REMOVE EX. GRATE INLET AND PLUG EXISTING STORM PIPE
3. CONTRACTOR TO DEMO EX. DRIVEWAY AND REPLACE WITH ASPHALT - (8.87 S.Y.)
4. CONTRACTOR TO MATCH PROP. PAVEMENT TO DRIVEWAY ELEVATION
5. CONTRACTOR TO DEMO EX. DRIVEWAY AND REPLACE WITH ASPHALT - (69.35 S.Y.)
6. CONTRACTOR TO DEMO EX. DRIVEWAY AND REPLACE WITH ASPHALT - (14.28 S.Y.)
7. CONTRACTOR TO INSTALL 4" HMA TYPE "C" & 11.5" HMA TYPE "B" (NORTHBOUND 120 S.Y.)
8. CONTRACTOR TO SAWCUT AND MATCH EXISTING PAVEMENT WITH THE PROPOSED PAVEMENT
9. CONTRACTOR TO OBLITERATE THE EXISTING 4" DOUBLE YELLOW PAVEMENT MARKINGS (1,287 L.F. OVERALL)
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11. EX. CABLE BOX TO BE RELOCATED OUTSIDE OF PROPOSED PAVEMENT BY OTHERS
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15. EX. VENT PIPE TO BE RELOCATED OUTSIDE OF PROPOSED PAVEMENT BY OTHERS
16. TRAFFIC SIGNAL PLEASE SEE BIEDENHARN TRACT TRAFFIC SIGNAL PLAN FOR MORE DETAILS
17. CONTRACTOR TO INSTALL 1.5" HMA OVER EXISTING PAVEMENT (5,629 S.Y.)



PAVEMENT JUNCTION DETAILS

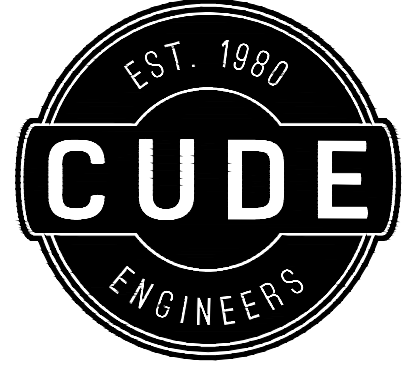


MATCHLINE "A" - STA. 9+00.00
SEE SHEET C4

MATCHLINE "B" - STA. 9+00.00
SEE SHEET C4

EXISTING

PROPOSED



4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P:(210) 681-2951 F:(210) 523-7112

CORLEY FARMS
UNIT 1

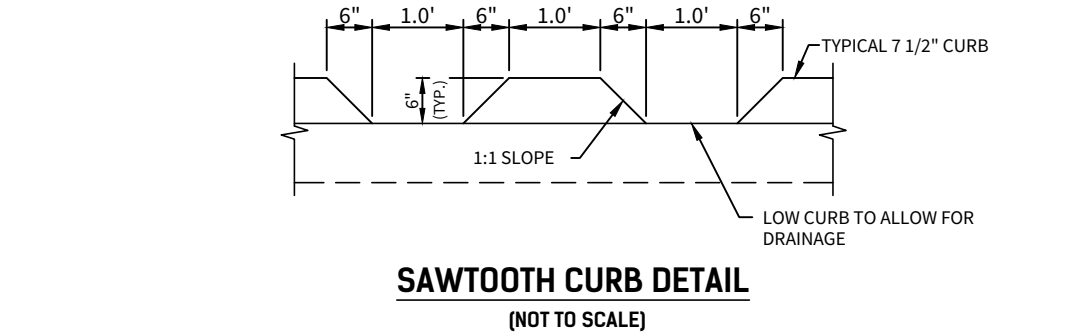
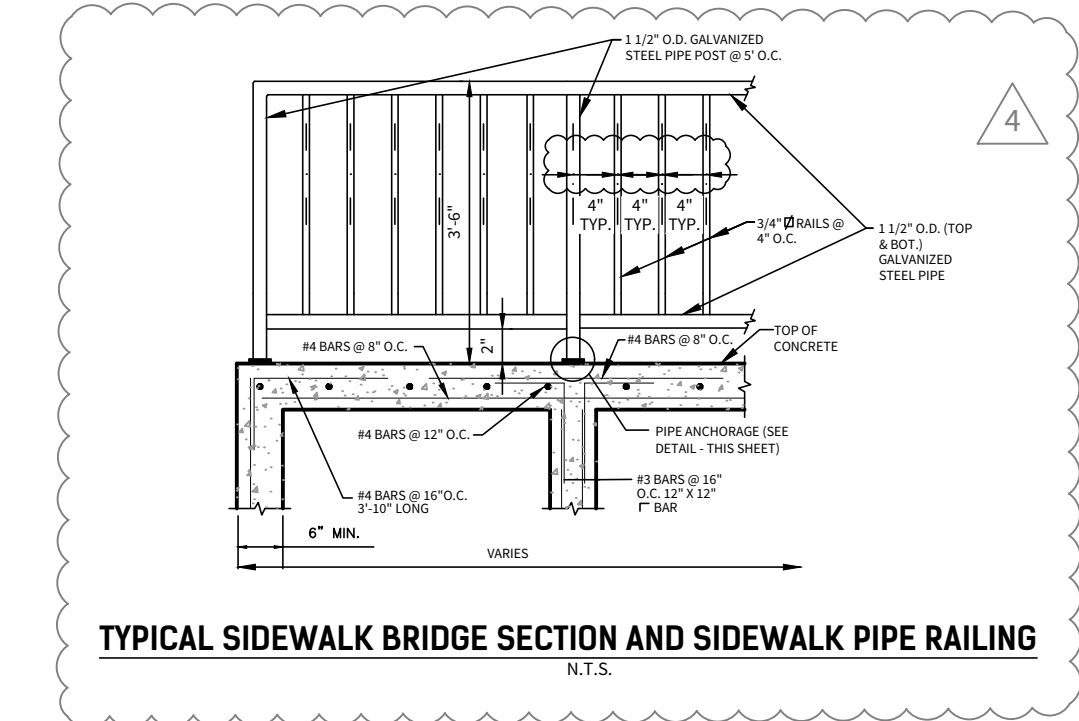
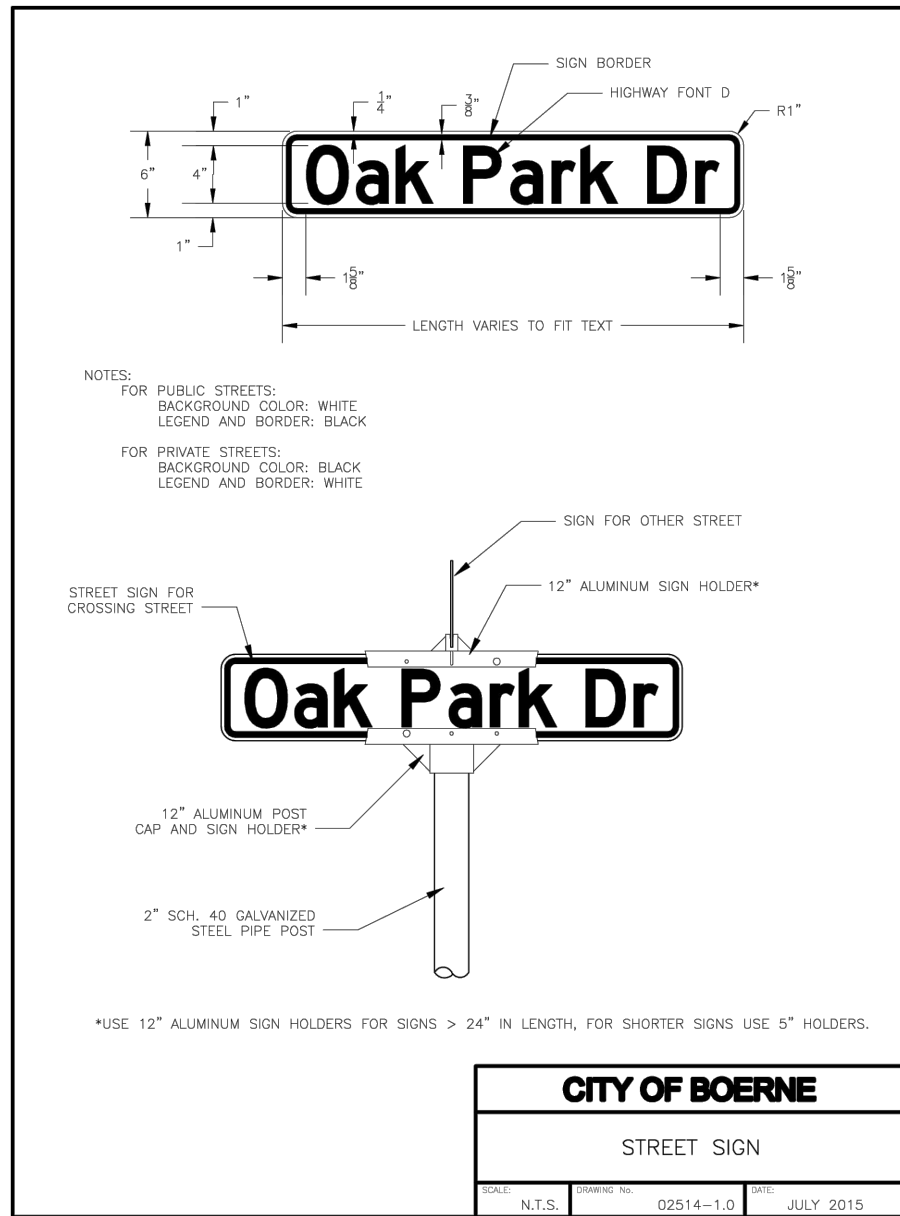
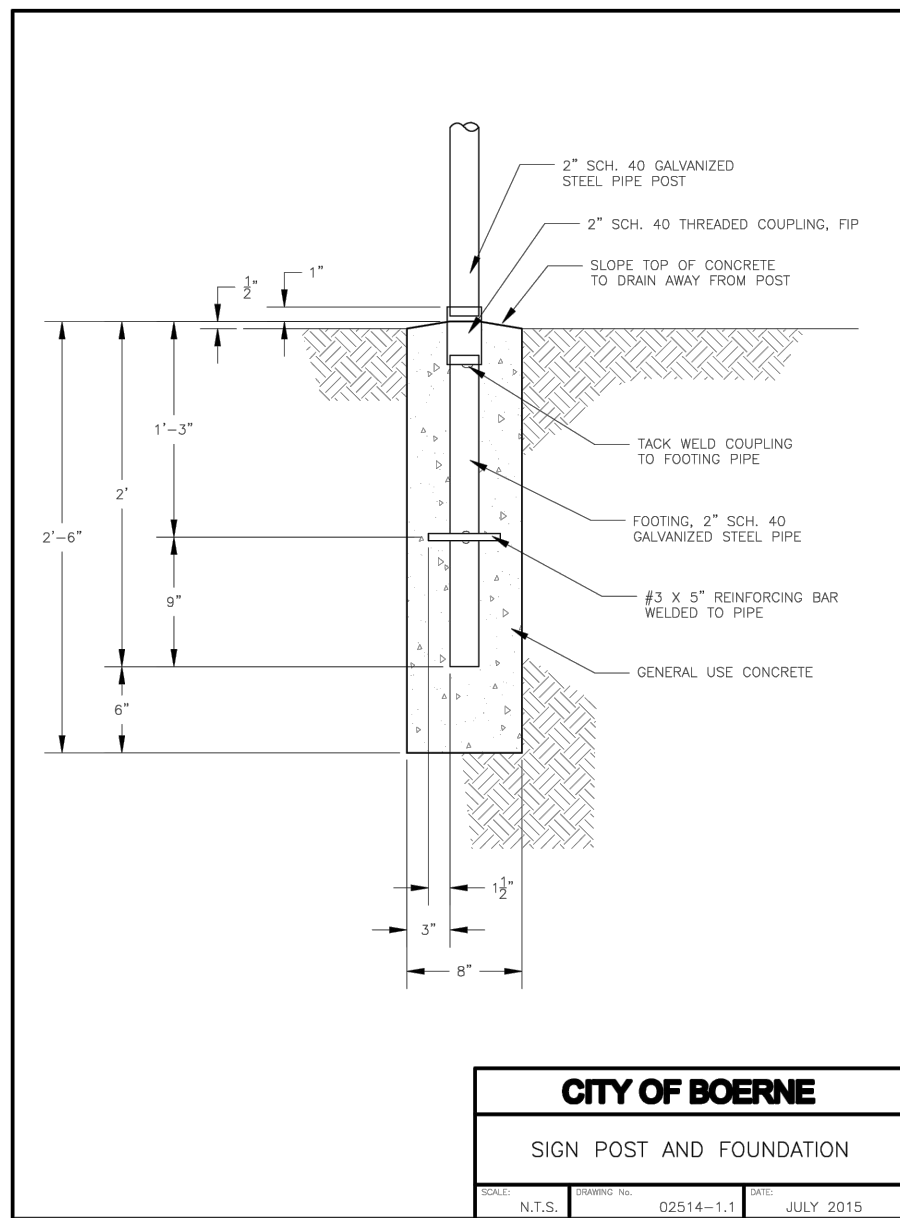
SCENIC LOOP IMPROVEMENTS

DATE
09/05/2023
PROJECT NO.
03481.004
DRAWN BY
C3
CHECKED BY
XV/JC/DDC

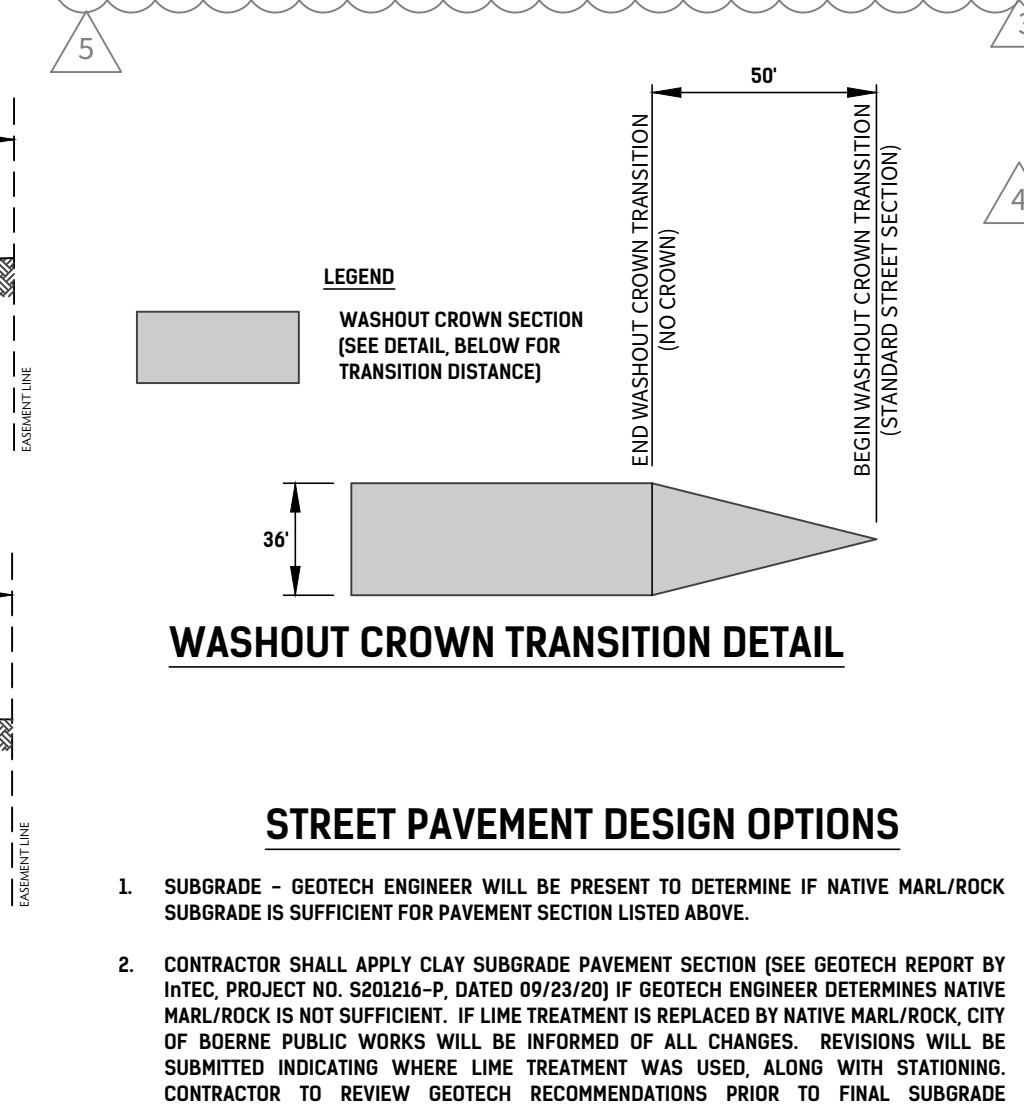
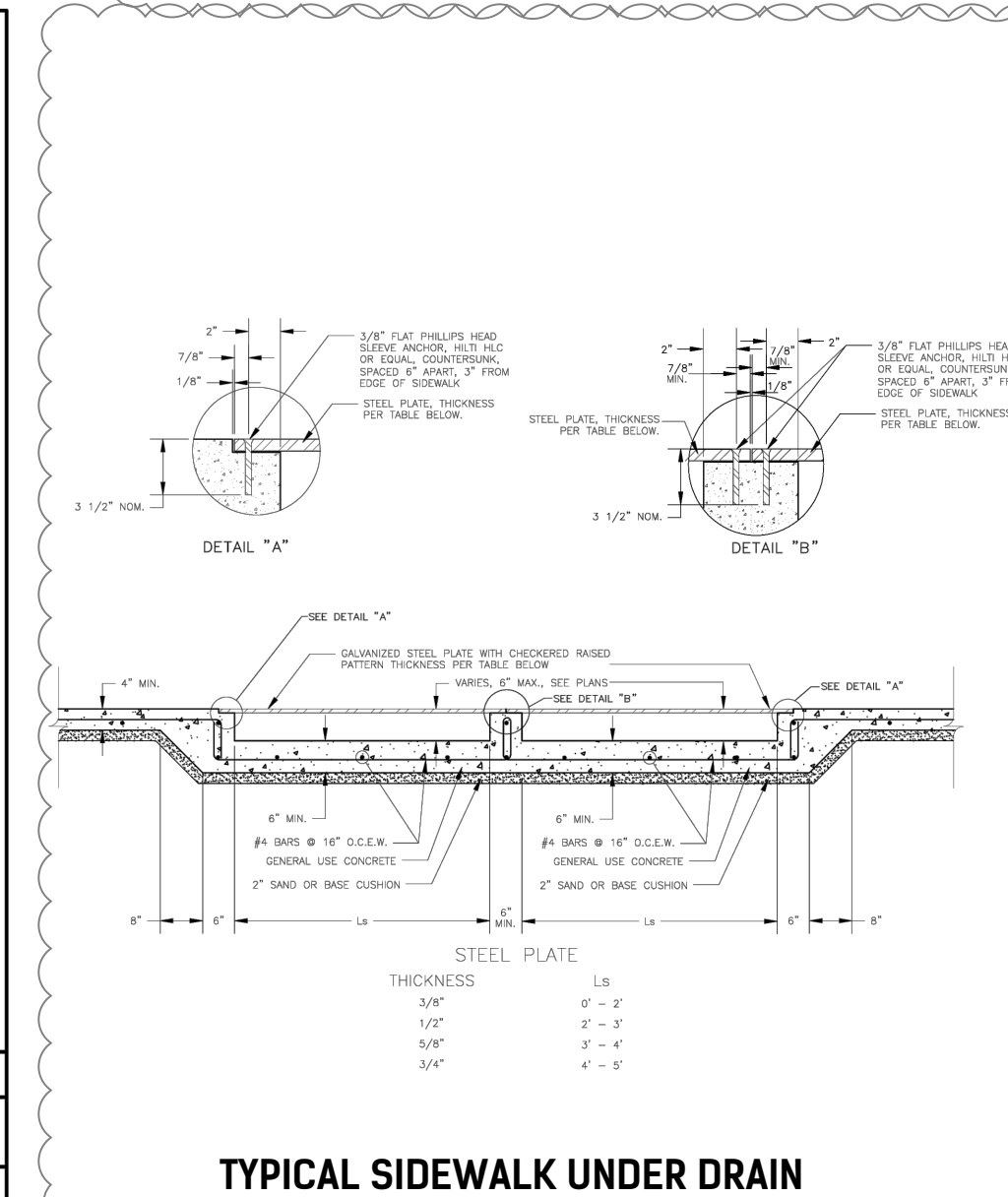
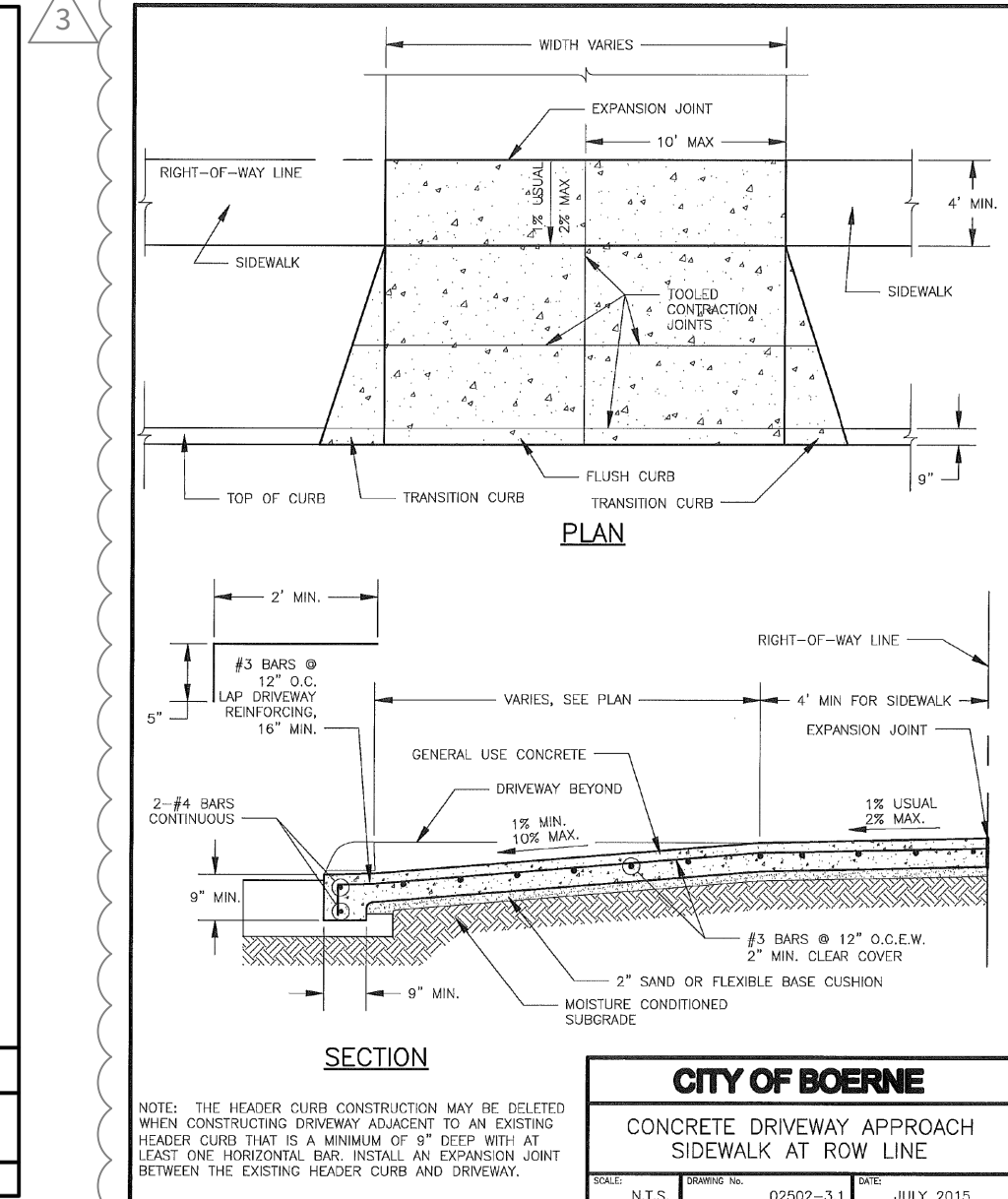
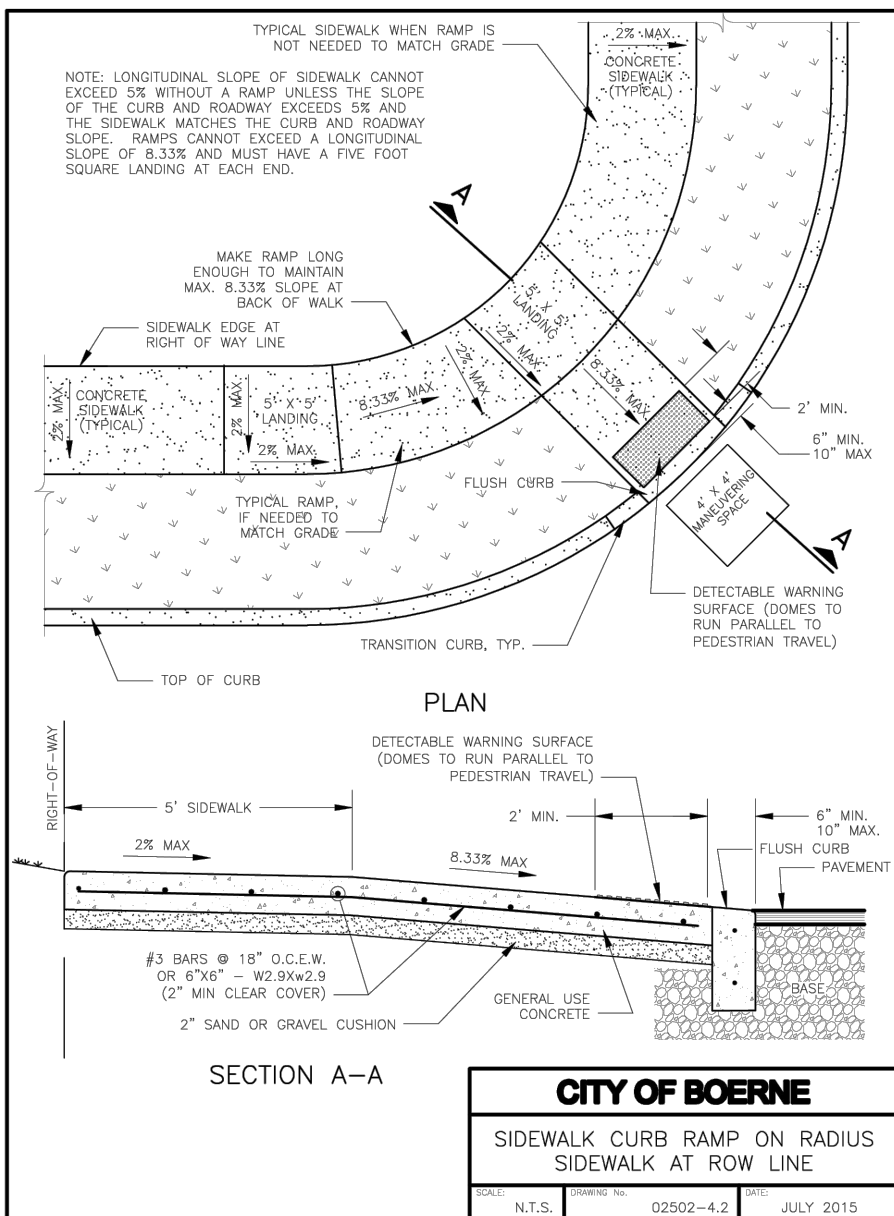
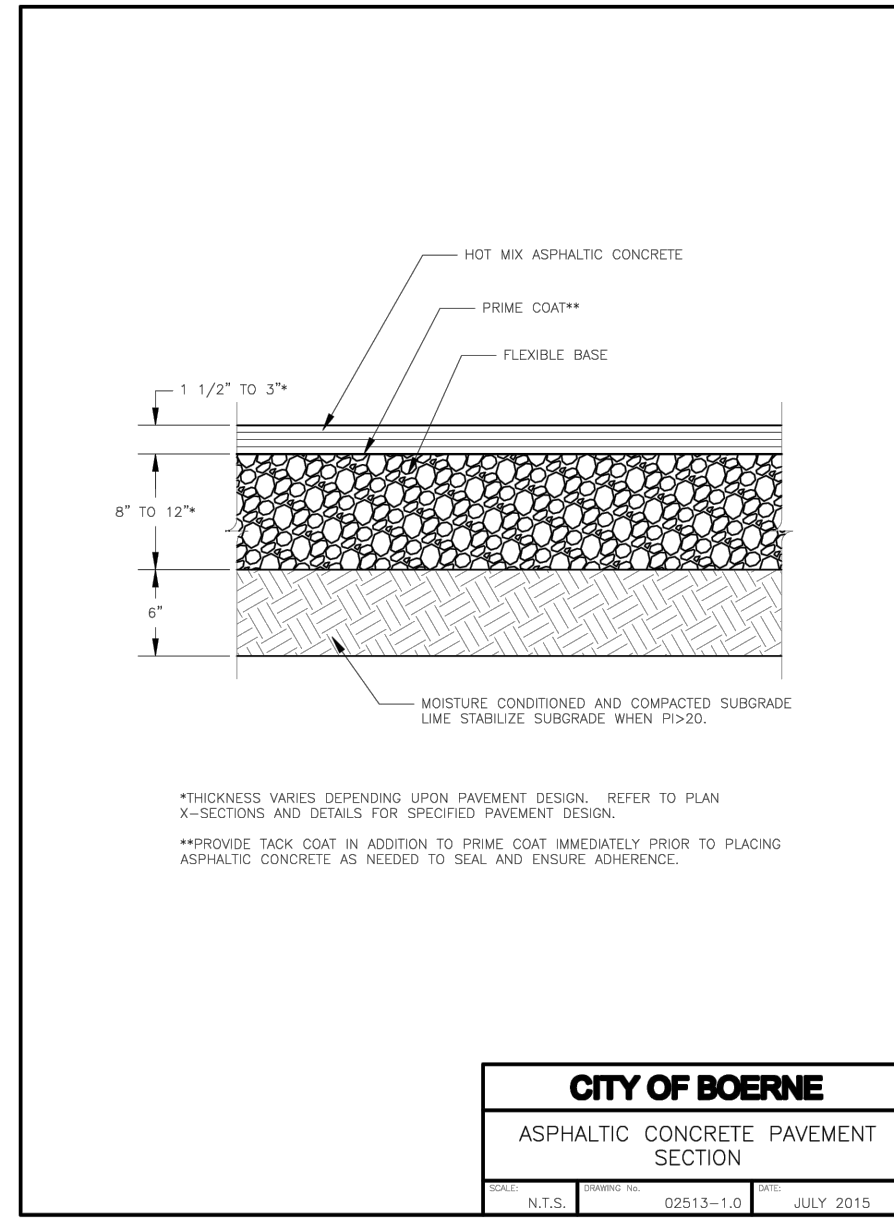
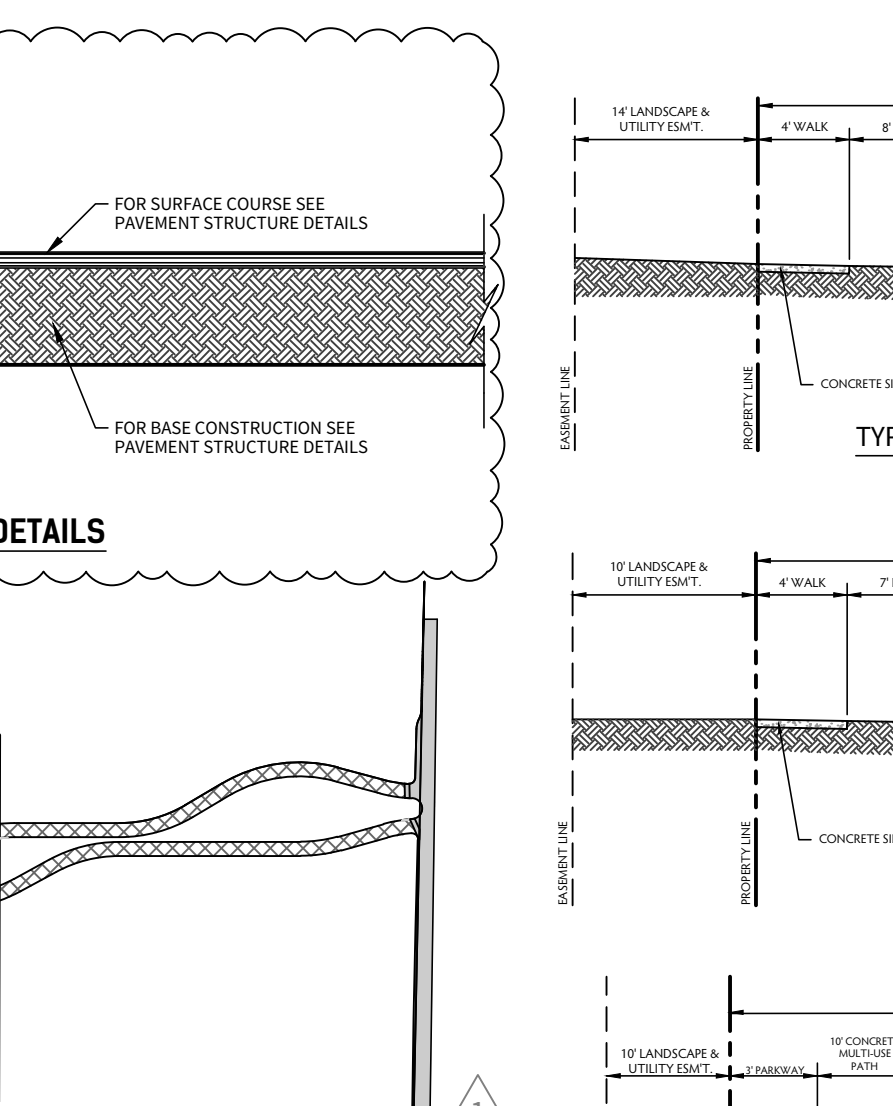
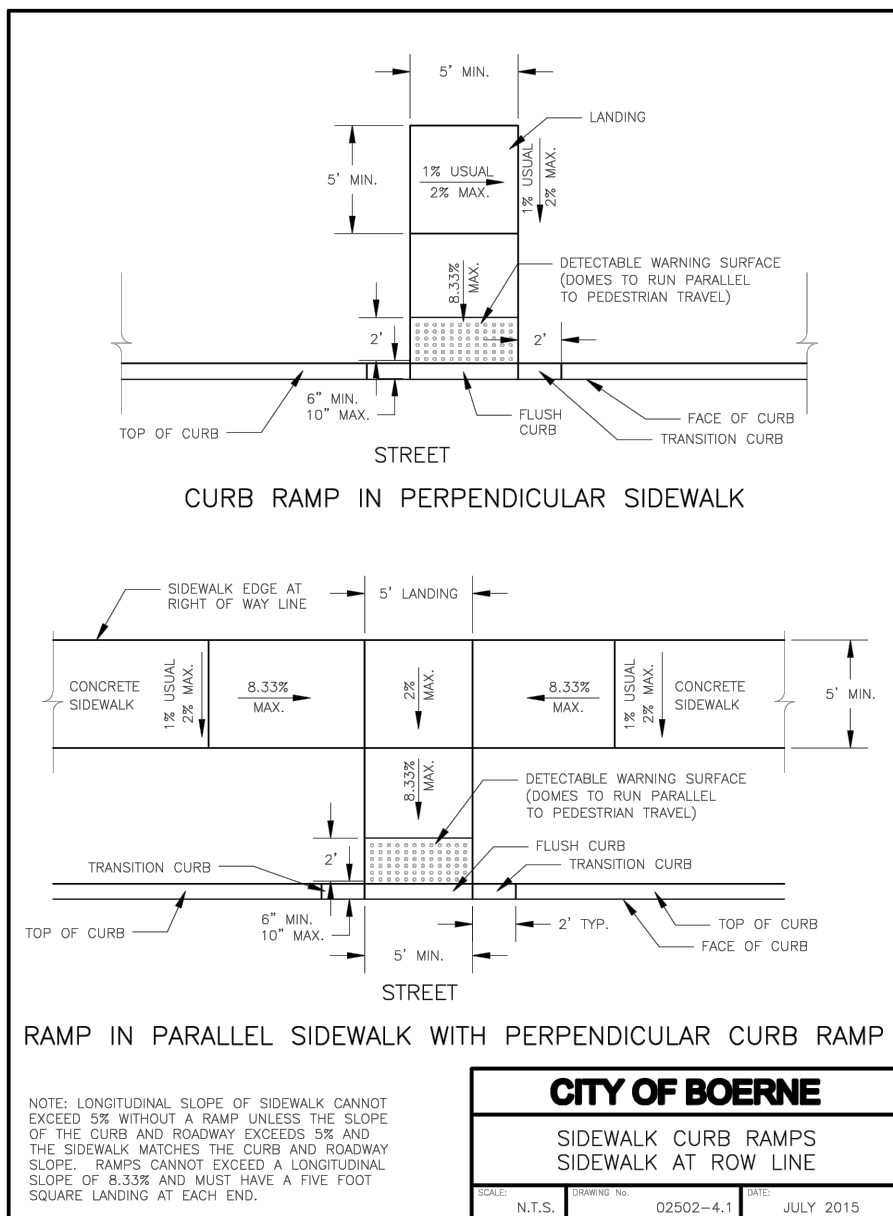
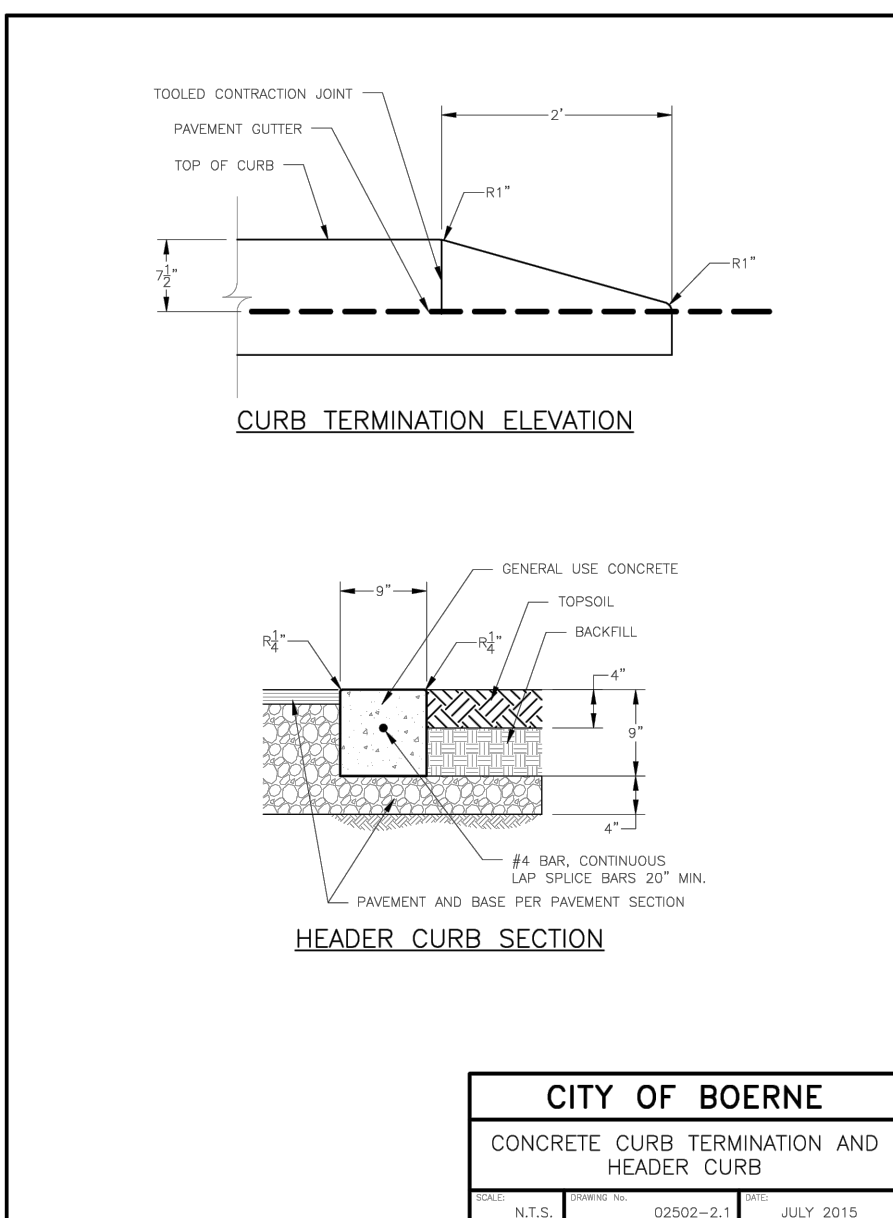
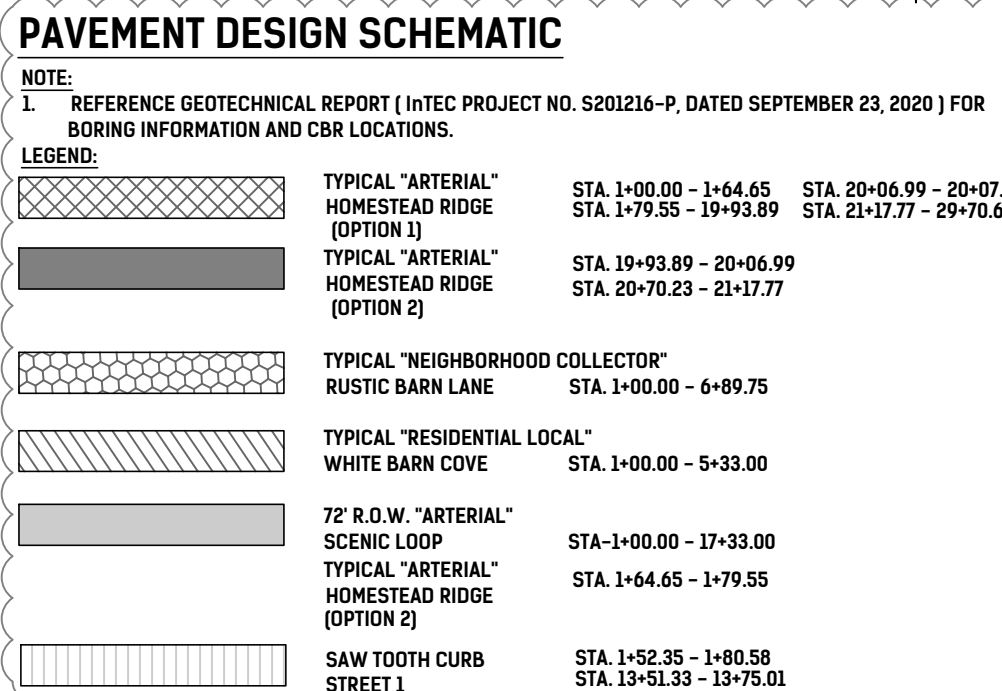
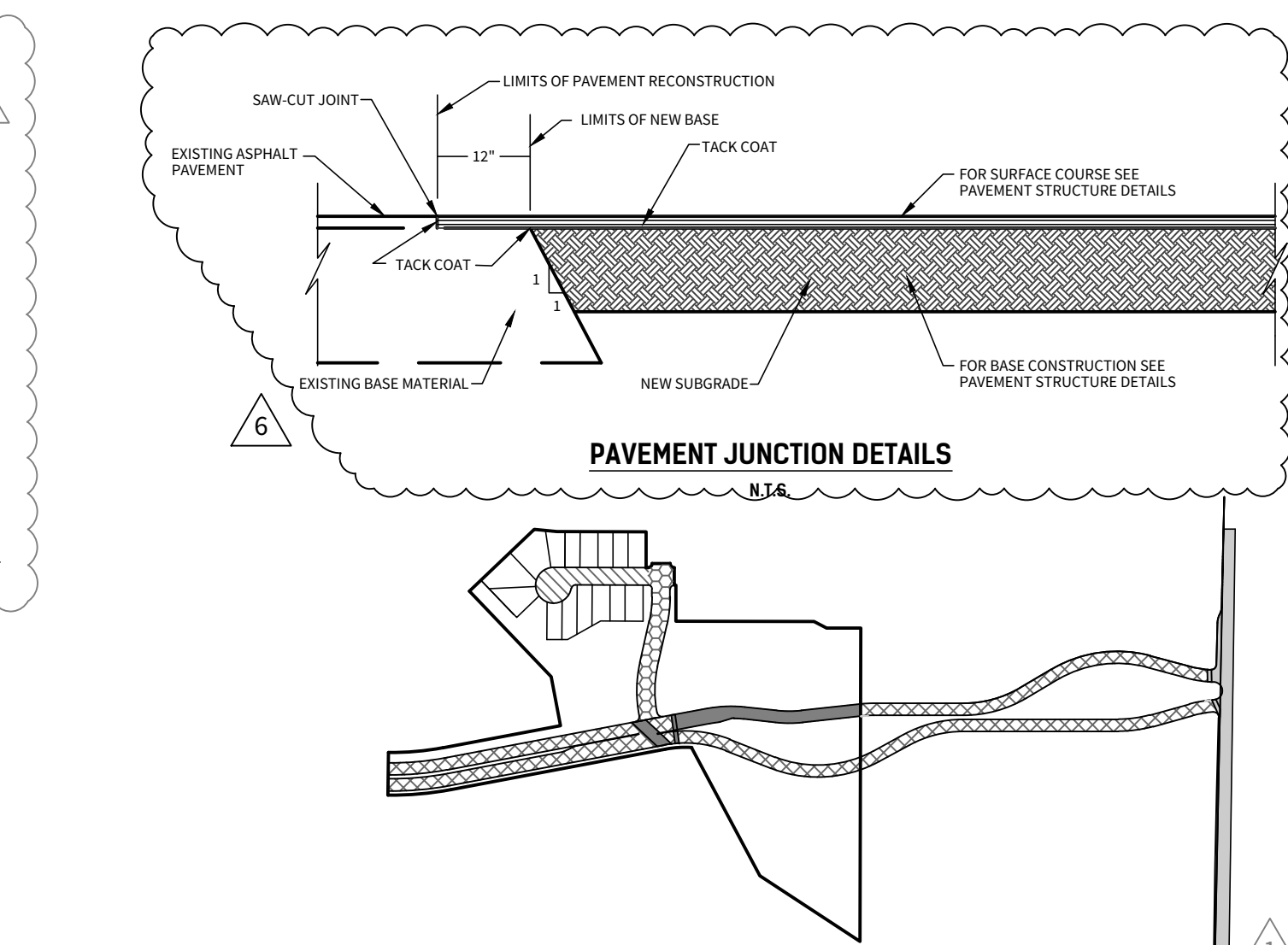
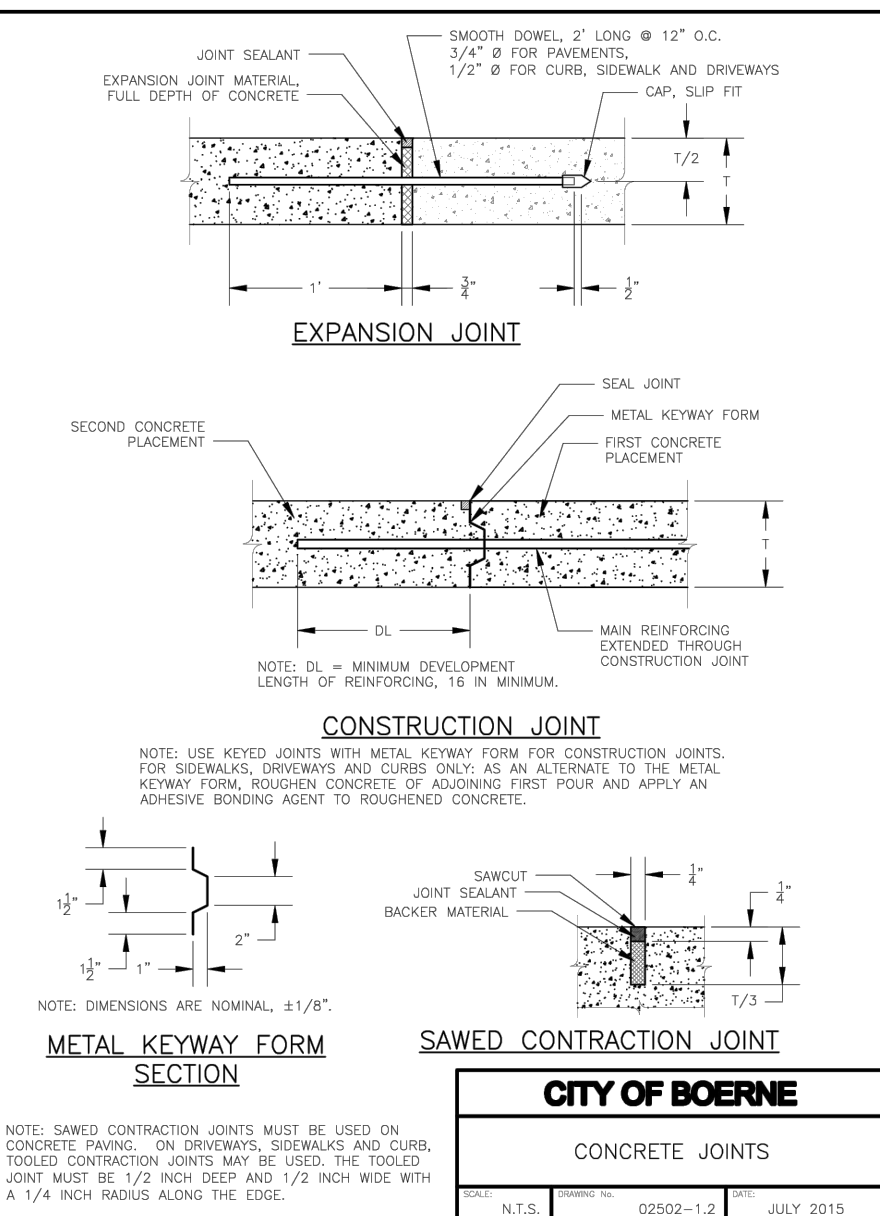
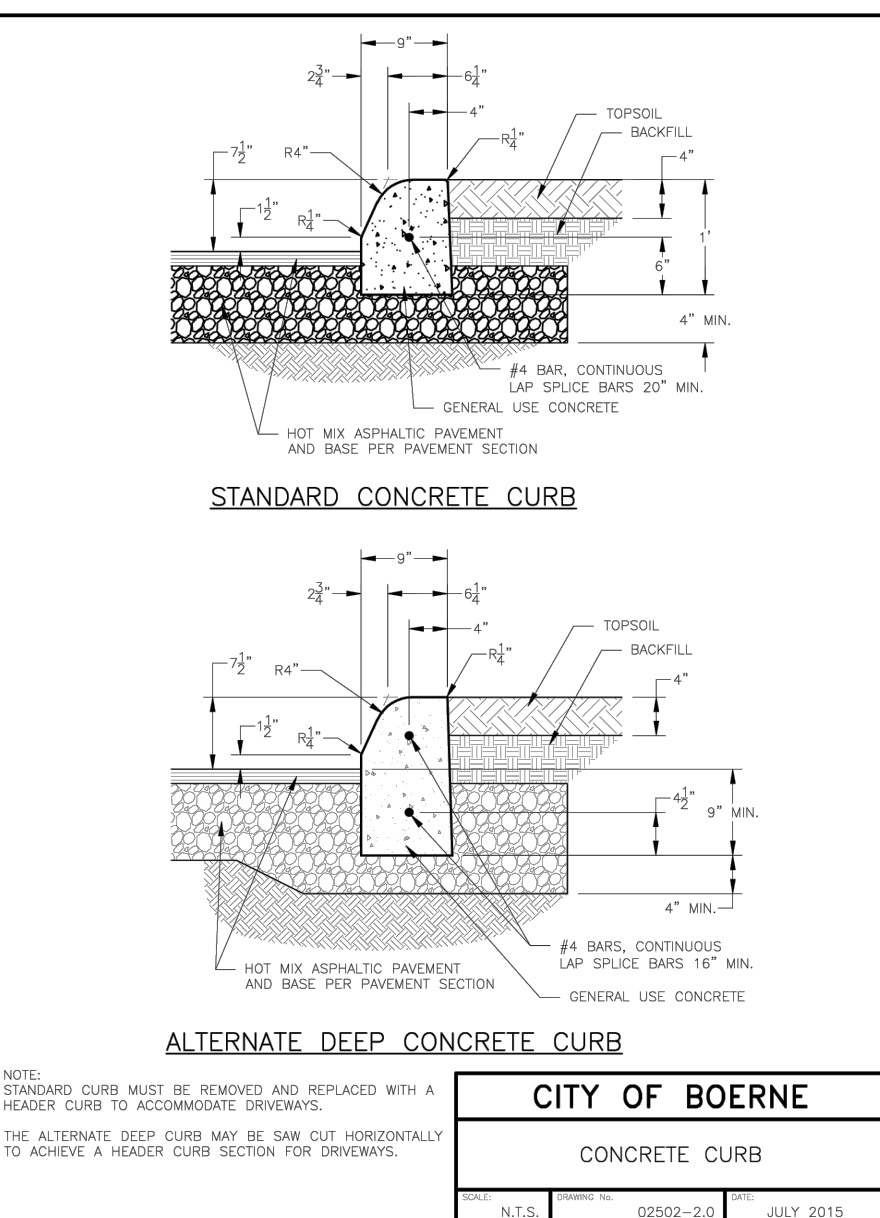
REVISIONS
1. 2021-04-23 - UPDATED PAVEMENT SECTION
REFERENCE, ADDED ROW DIMENSION
2.
3. 2021-10-07 - CITY OF BOERNE COMMENTS
4. 2021-11-12 - CITY OF BOERNE COMMENTS
5. 2022-03-21 - KENDALL COUNTY COMMENTS
2023-03-28 - ADDED KEYNOTE 17.
6.
7. 2023-07-13 - ADJUSTED PAVEMENT LAYOUT
8. 2023-08-31 - REMOVED FLEX BASE FROM
KEYNOTE AND ADDED DETAIL
9.



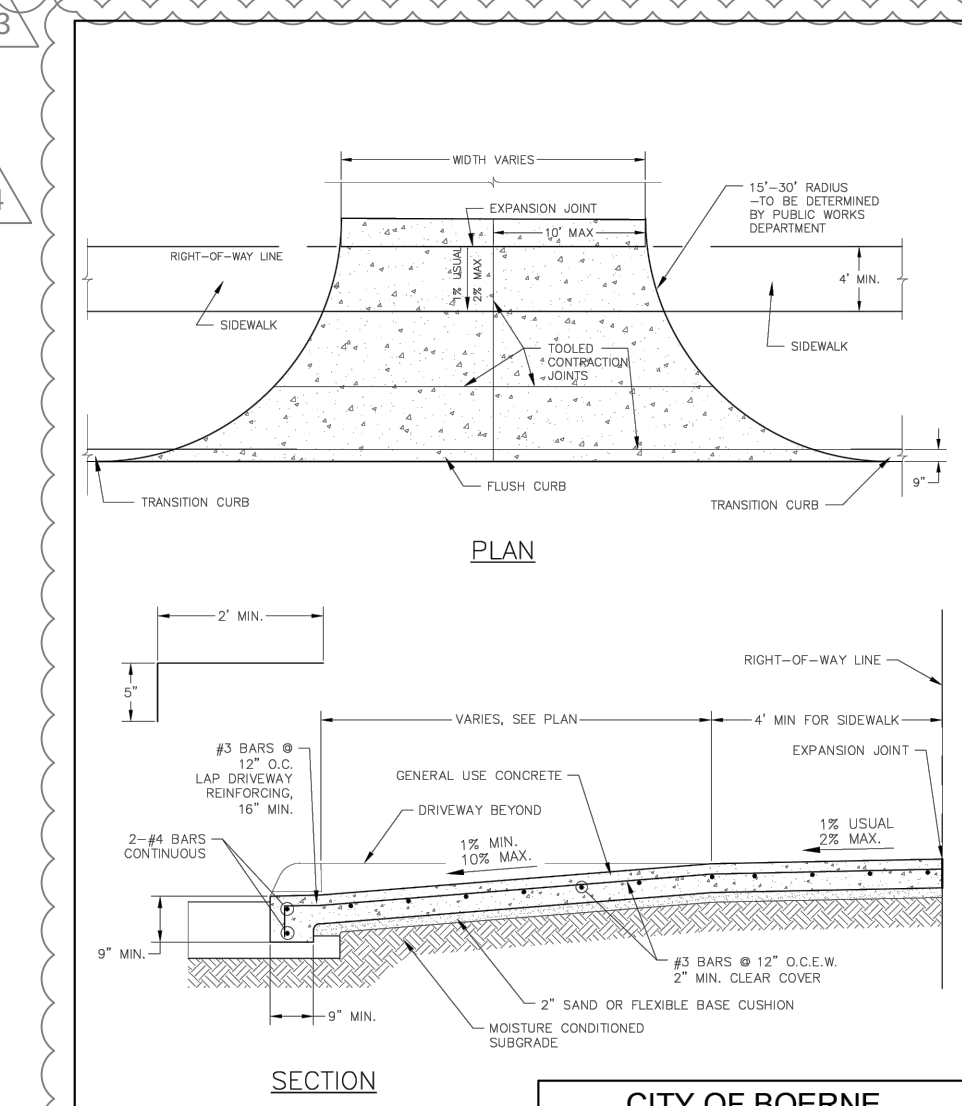
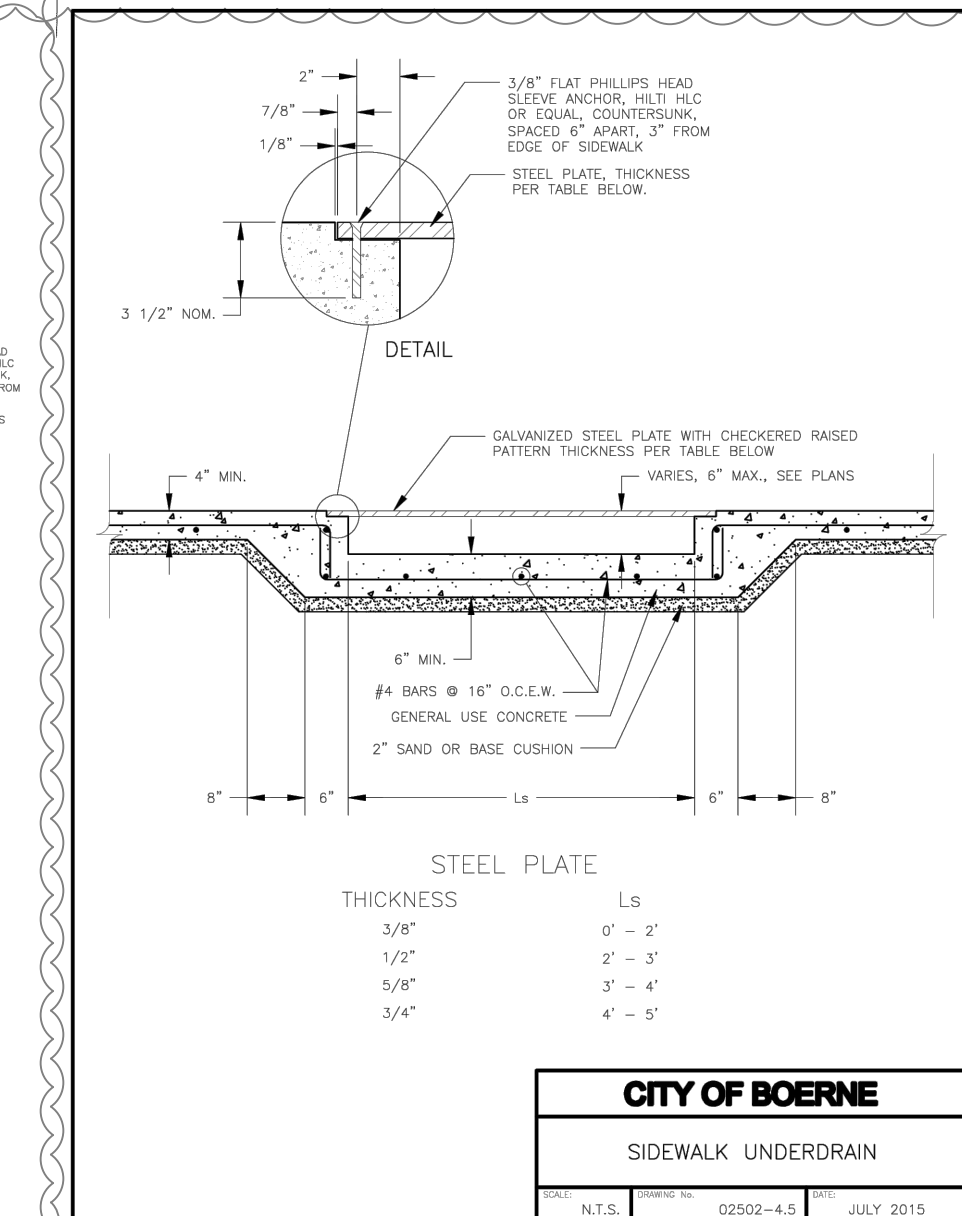
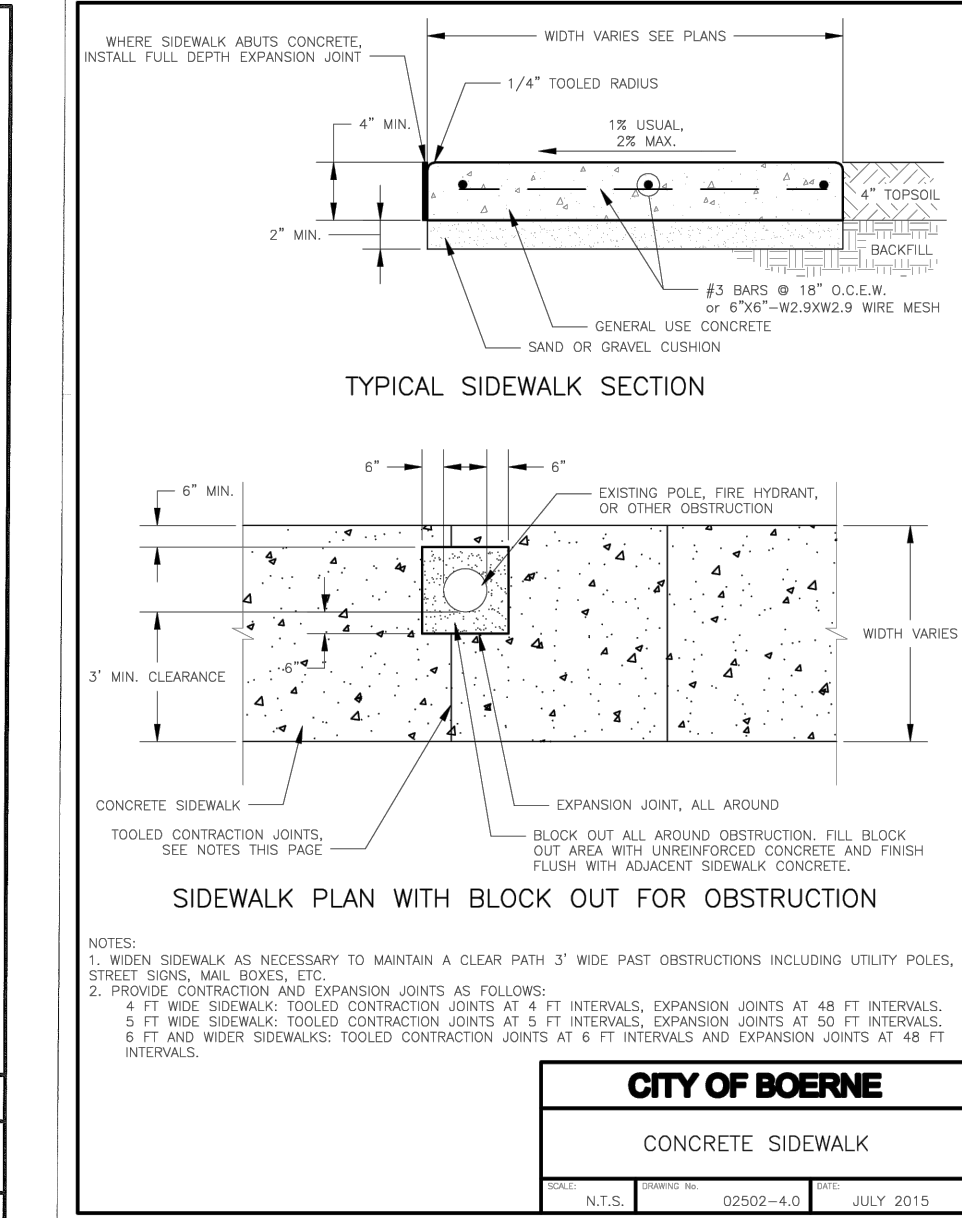
C3



- NOTES:**
- PAVEMENT DESIGN THICKNESS BASED ON GEOTECHNICAL REPORT. SEE TABLE FOR STRUCTURAL NUMBER CALCULATION. REFERENCE PROJECT GEOTECHNICAL REPORT AND PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND ALTERNATE PAVEMENT SECTIONS.
 - ANY AREAS OF CLAY ENCOUNTERED DURING CONSTRUCTION SHALL BE REMOVED DOWN TO THE WEATHERED/FRIABLE MARLSTONE/LIMESTONE AND PROPERLY BACKFILLED WITH MARLSTONE/LIMESTONE MILLINGS HAVING A CBR VALUE DETERMINED BY THE GEOTECHNICAL ENGINEER.
 - A GEOTECHNICAL ENGINEERING REPRESENTATIVE SHALL BE RETAINED TO: (1) OBSERVE THE SITE PREPARATION AND SUBGRADE OPERATIONS, (2) EVALUATE THE ACTUAL SUBGRADE MATERIAL CLASSIFICATION; AND (3) VERIFY THAT RECOMMENDATIONS ARE FOLLOWED. THE ACTUAL SUBGRADE CONDITION AT A PARTICULAR LOCATION WILL NEED TO BE EVALUATED DURING CONSTRUCTION. ONCE THE SUBGRADE IS CUT/FILLED TO THE PROPER GRADE.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING MATERIAL TESTING. TESTING TO BE PAID BY OWNER.
 - CONTRACTOR MAY LEAVE VERTICAL CUT BANKS AT R.O.W. LINE AND MEDIANS PROVIDED PROJECT GEOTECHNICAL ENGINEER DETERMINES ROCK IS COMPETENT TO STAND ON ITS OWN.
 - IF ALTERNATE PAVEMENT SECTION CHOSEN, CITY OF BOERNE SHALL BE PROVIDED WITH REVISED CONSTRUCTION PLANS INDICATING SELECTED PAVEMENT DESIGN PRIOR TO CONSTRUCTION.
 - PAVEMENT SECTIONS ARE SUBJECT TO CHANGE DUE TO RETESTING OF SOIL AFTER STREET EXCAVATION HAS BEEN DONE TO TOP OF CURB.
 - CONTRACTOR SHALL CONTACT ENGINEER 48 HRS IN ADVANCE FOR FIELD OBSERVATION DURING STREET CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO CONTACT ENGINEER FOR INSPECTION OF THE SUBGRADE, BASE, ASPHALT, AND CURB.
 - GENERAL FILL MATERIALS SHOULD CONSIST OF ONSITE SOILS OR CLEAN IMPORTED FILL SOILS WITH EQUAL OR BETTER CBR CHARACTERISTICS TO THE ONSITE SOILS. GENERAL FILL MATERIAL SHOULD BE CLEAN AND FREE OF ANY VEGETATION ROOTS, ORGANIC MATERIALS, TRASH OR GARBAGE, CONSTRUCTION DEBRIS, OR OTHER DELETERIOUS MATERIALS AND SHOULD CONTAIN NO LARGER THAN THREE (3) INCHES IN MAXIMUM DIMENSION.



STREET TYPE	HMVC TYPE "D"	HMVC TYPE "C"	HMVC TYPE "B"	FLEX BASE (TY A GR 2)	LIME TREATED SUBGRADE (42 LB/SY)	BASE UNDER CURB	STRUCTURAL NUMBER
RESIDENTIAL LOCAL STREET	2.0"	---	---	9.5"	8.0"	5.5"	2.85
NEIGHBORHOOD COLLECTOR STREET	3.0"	---	---	16.0"	8.0"	5.5"	4.20
72' R.O.W. ARTERIAL (OPTION 1)	2.0"	2.0"	---	22.5"	8.0"	---	5.55
72' R.O.W. ARTERIAL (OPTION 2)	---	4.0"	11.5"	---	---	---	5.67
94' R.O.W. ARTERIAL (OPTION 1)	2.0"	2.0"	---	22.5"	8.0"	5.5"	5.55
94' R.O.W. ARTERIAL (OPTION 2)	---	4.0"	9.5"	---	---	5.5"	5.63



STREET TYPE	HMVC TYPE "D"	HMVC TYPE "C"	HMVC TYPE "B"	FLEX BASE (TY A GR 2)	LIME TREATED SUBGRADE (42 LB/SY)	BASE UNDER CURB	STRUCTURAL NUMBER
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94' R.O.W. ARTERIAL (OPTION 2)	---	4.0"	9.5"	---	---	5.5"	5.63

CUDEENGINEERS.COM

EST. 1980

CUDE

ENGINEERS

4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P:(210) 681.2951 F:(210) 523.7112

CORLEY FARMS

UNIT 1

CITY OF BOERNE STANDARD STREET DETAILS

DATE

09/05/2023

PROJECT NO.

03481.004

DRAWN BY

C3

CHECKED BY

XV/JC/DCC

REVISIONS

1. 2021-06-01 - UPDATED PAVEMENT DESIGN OPTIONS

2.

3. 2021-10-07 - CITY OF BOERNE COMMENTS

4. 2021-11-12 - CITY OF BOERNE COMMENTS

5. 2022-09-29 - SIDEWALK UNDER DRAIN DETAIL ADDED

6. 2023-08-31 - ADDED DETAIL AND ADJUSTED PAVEMENT SECTION TABLE

7.

8.

9.

STATE OF TEXAS

JAVIER CASTELLO

122170

09/05/23

CUDE ENGINEERS

TBPE No. 455

TBPLS No. 10048500

C13

13 OF 43