THE CITY OF Fitchburg	City of Fitchburg Planning/Zoning Department 5520 Lacy Road Fitchburg, WI 53711 (608) 270-4200	**CONDITIONAL USE PERMIT APPLICATION**

The undersigned owner, or owner's authorized agent, of property herein described hereby applies for a conditional use permit for the following described property:

1. **Location of Property:**
   Street Address: S. Seminole Hwy just north of Dawley Drive

   Legal Description - (Metes & Bounds, or Lot No. And Plat): Outlot 5, Harlan Hills

   ***Also submit in electronic format (MS WORD or plain text) by email to: **PLANNING@FITCHBURGWI.GOV**

2. **Current Use of Property:** Open space/stormwater conveyance
3. **Proposed Use of Property:** Open space/stormwater conveyance/bike path
4. **Proposed Development Schedule:** Start Construction 7/5/18, End 9/5/18
5. **Zoning District:** P-R
6. **Future Land Use Plan Classification:** P-R

***Pursuant to Section 22-3(b) of the Fitchburg Zoning Ordinance, all Conditional Use Permits shall be consistent with the currently adopted City of Fitchburg Comprehensive Plan.

***Attach three (3) copies of a site plan which shows any proposed land divisions, plus vehicular access points and thel ocation and size of all existing and proposed structures and parking areas. Two (2) of the three (3) copies shall be no larger than 11" x 17". Submit one (1) pdf document of the entire submittal to planning@fitchburgwi.gov.

Additional information may be requested.

Type of Residential Development (If Applicable): N/A

No. of Dwelling Units by Bedroom: **1 BR** ☐ **2 BR** ☐ **3 BR** ☐ **4 or More** ☐

No. Of Parking Stalls:

Type of Non-residential Development (If Applicable):

Proposed Hours of Operation: **No. Of Employees:**

Floor Area: **No. Of Parking Stalls:**

Sewer: Municipal ☐ **Private** ☐ **Water: Municipal** ☐ **Private** ☐

Current Owner of Property:

Address: **Phone No:**

Contact Person: Gus VanderWegen

Email: gus.vanderwegen@fitchburgwi.gov

Address: 5520 Lacy Rd **Phone No:** 270-4266

Respectfully Submitted By: Gus VanderWegen

Owner's or Authorized Agent's Signature

**** It is highly recommended that an applicant hold at least one neighborhood meeting prior to submitting an CUP application to identify any concerns or issues of surrounding residents.**

PLEASE NOTE - Applicants shall be responsible for legal or outside consultant costs incurred by the City. Submissions shall be made at least four (4) weeks prior to desired plan commission meeting.

For City Use Only: **Date Received:** **Publish:**

Ordinance Section No. **Fee Paid:**

Permit Request No.

Sec. 22-688. - Conditional uses in wetlands.

The following conditional uses may be allowed in the wetland district, including wetland alteration only to the extent specifically provided below and notification to the southern district office of the state department of natural resources at least ten days prior to the hearing and mailing a copy of the action on the conditional use to said office:

(1) The **construction** and **maintenance of roads** which are necessary for the continuity of the municipal street system, the provision of essential utility and emergency services or to provide access to uses permitted under section 22-687, provided that:

a. The road (path) cannot, as a practical matter, be located outside the wetland;

The new path is to be located along S. Seminole Hwy. Since wetlands are on both sides of the road for long stretches there is no option to relocate the path away from wetlands.

b. The road is designed and **constructed** to minimize the adverse impact upon the natural functions of the wetland listed in section 22-690(a);

The cross section of the path has the minimum width to safely pass traffic through the corridor. Railing has been added so that the slope can be increased to minimize filling the wetlands. Silt fence will be installed along all areas next to wetlands and areas that might flow into wetlands.

c. The road is designed and **constructed** with the minimum cross-sectional area practical to serve the intended use;

We are proposing a 10' wide paved section with 2' grass shoulders and a steep slope of 1:1 for the next 3' to 3.5' to the bottom of the slope.

d. Road **construction** activities are carried out in the immediate area of the roadbed only; and

The contractor will be required to place silt fence along the toe of the slope of the fill section to keep construction activities out of the wetland.

e. Any wetland alteration must be necessary for the **construction** or maintenance of the road.

All proposed wetland alterations are necessary to construct the roadway. We have incorporated into the design all practical options to minimize the impact.

Figure 4 Wetland Boundary

CITY FITCHBURG
DANE COUNTY, WI

Project Area
Wetland Boundary
Wetland
Upland Sample Plot
Wetland Sample Plot
Existing 2 ft Contours
Existing Property Line
Existing Easement
Existing Culvert

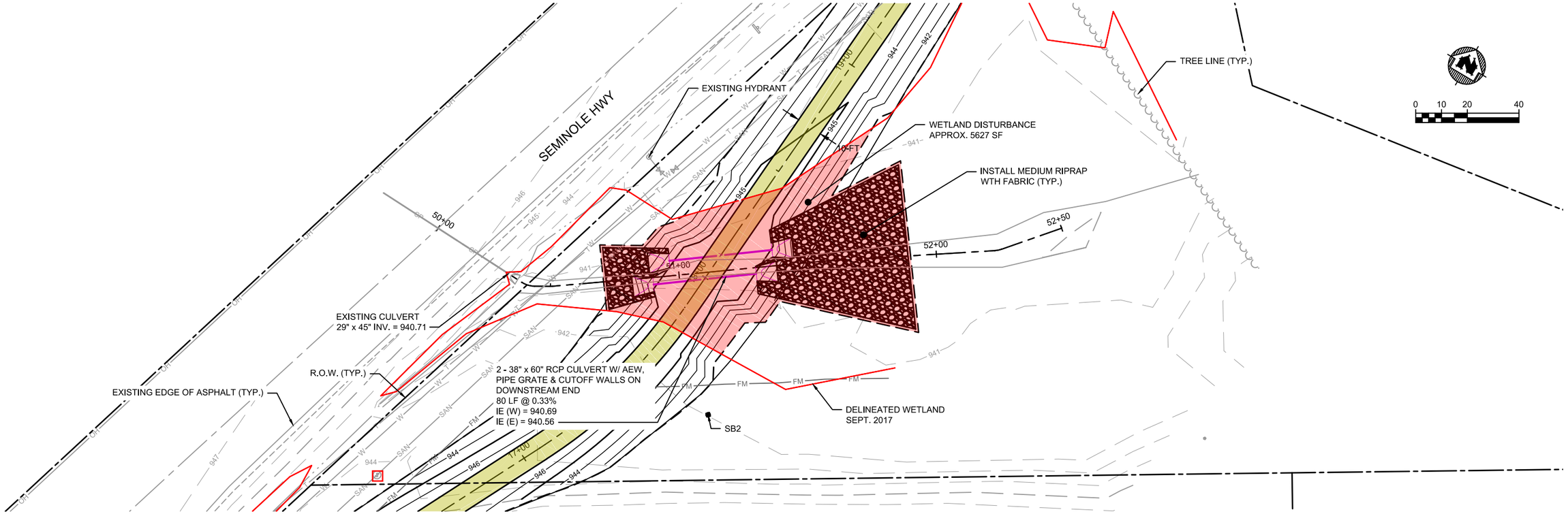
DATA SOURCES:
CONTOURS: 2016 CITY OF MADISON LIDAR DATA

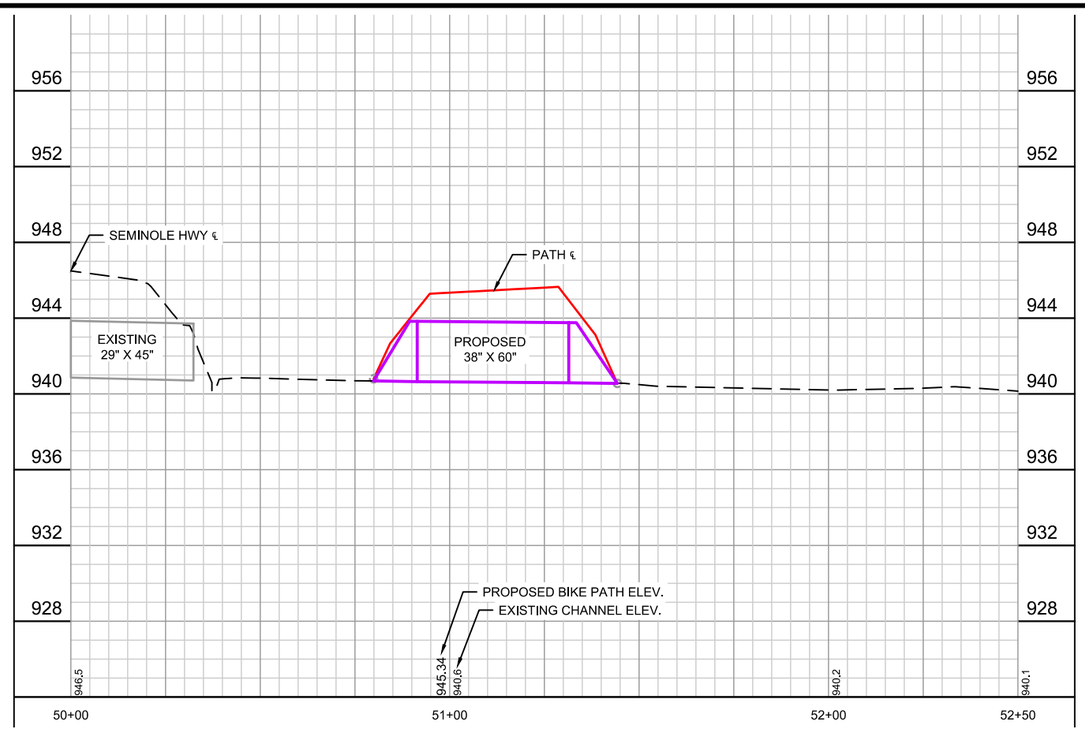
N
0 50 100 200 Feet

MSA PROFESSIONAL SERVICES

Printed by: jfelland, File: P:\7700s\7720s\7729\07729032\GIS\SeminoleHwyBikePath_20171003.mxd

Print Date: 12:50:31 PM 10/23/2017





PROJECT NO.: 07729032	SCALE: AS SHOWN	NO.	DATE	REVISION	BY
PROJECT DATE: 5/3/18	DRAWN BY: KNH	.	.	.	.
F.B.: .	CHECKED BY: KCL	.	.	.	.
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PLOT DATE: 5/9/18, P:\7700s\7720s\7729\07729032\CADD\Construction Drawings\VFG - Channel - (1) - (1).dwg

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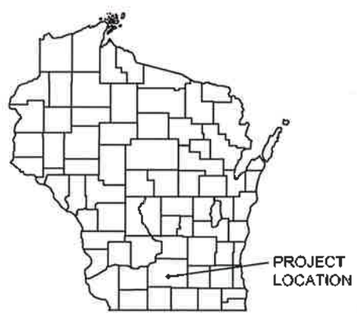
SEMINOLE HIGHWAY PATH CONNECTOR
CITY OF FITCHBURG
DANE COUNTY, WISCONSIN

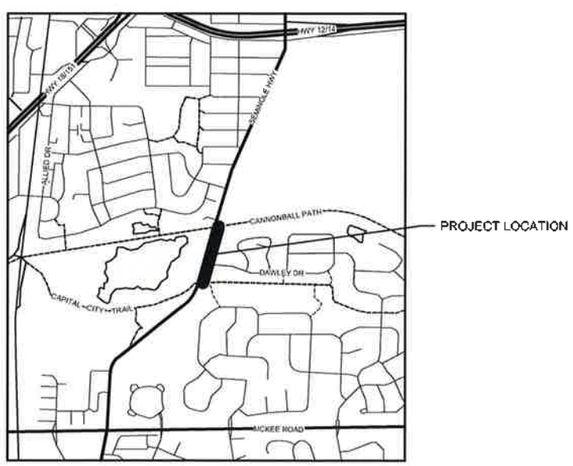
PLAN & PROFILE - CUVLERT

FILE NO.
07729032
SHEET
PP 4

SEMINOLE HIGHWAY PATH CONNECTOR

CITY OF FITCHBURG
DANE COUNTY, WISCONSIN





LOCATION MAP
NOT TO SCALE

SHEET INDEX

1	C-101	TITLE SHEET
1	C-102	PROJECT OVERVIEW
1	C-201	TYPICAL SECTIONS
	C-202	STREET DETAILS
	C-203	EROSION CONTROL DETAILS
1	C-204	EROSION CONTROL & REMOVAL PLAN
	C-205	DAWLEY ROAD AND SEMINOLE HWY INTERSECTION DETAIL
1	C-501-503	PLAN & PROFILE SHEET
1	C-901-906	CROSS SECTION SHEETS

WISCONSIN
KEVIN C. LORD
E-35635
MADISON
WI
5-21-18
PROFESSIONAL ENGINEER

PUBLIC IMPROVEMENT DESIGN APPROVAL BY:

CITY ENGINEER DATE

LEGEND

- EXISTING WATER MAIN
- EXISTING GATE VALVE & HYDRANT
- WATER SERVICE & CURB STOP
- PROPOSED WATERMAIN, VALVE, & HYDRANT
- PROPOSED WATER SERVICE & CURB STOP
- EXISTING SANITARY SEWER & MANHOLE
- EXISTING FORCEMAIN
- EXISTING STORM SEWER & INLET
- PROPOSED STORM SEWER & INLET
- PROPOSED STORM SEWER & MANHOLE
- PROPOSED SANITARY SEWER & MANHOLE
- BURIED ELECTRIC
- BURIED GAS & VALVE
- BURIED CABLE TELEVISION
- BURIED TELEPHONE
- BURIED FIBER OPTICS
- OVERHEAD UTILITY
- RAILROAD TRACKS
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK
- EXISTING CULVERT PIPE
- PROPOSED CULVERT PIPE
- FENCE LINE
- DRAINAGE ARROW
- SILT FENCE
- RIGHT-OF-WAY
- BASELINE
- PROPERTY LINE
- TREE LINE
- BENCHMARK
- IRON PIPE
- IRON ROD
- CONTROL POINT
- UTILITY POLE & GUY
- SOIL BORING
- LIGHT POLE
- PEDESTAL
- STREET SIGN
- MAILBOX
- FLAGPOLE
- TREE - DECIDUOUS
- TREE - CONIFEROUS
- TREE TO BE REMOVED

UTILITIES

GAS:
MG&E
133 S. BLAIR STREET
MADISON, WI 53701
CONTACT: JANE ROSSING
OFFICE: (608) 252-7099
EMAIL: GROSSING@MGE.COM

ELECTRIC:
MG&E
133 S. BLAIR STREET
MADISON, WI 53701
CONTACT: RICH PARKER
OFFICE: (608) 252-7379
EMAIL: RPARKER@MGE.COM

TELEPHONE:
TDS TELECOM
525 JUNCTION ROAD
MADISON, WI 53717
CONTACT: JERRY MYERS
OFFICE: (608) 664-4404
EMAIL: JERRY.MYERS@TDSTELECOM.COM

AT&T
316 W. WASHINGTON AVE.
MADISON, WI 53703
CONTACT: LISA GUNDLACH
OFFICE: (608) 252-2432
EMAIL: LG6952@ATT.COM

CATV:
CHARTER COMMUNICATIONS
2701 DANIELS STREET
MADISON, WI 53718
CONTACT: BRANDON STORM
OFFICE: (608) 444-9493
EMAIL: BRANDON.STORM@CHARTERCOM.COM

SEWER & WATER:
CITY OF FITCHBURG
5520 LACY ROAD
FITCHBURG, WI 53711
SEWER & WATER CONTACT: PHIL MANION
OFFICE: (608) 729-1730
EMAIL: PHILIP.MANION@FITCHBURGWI.GOV

MADISON METROPOLITAN SEWERAGE DISTRICT
1610 MOORLAND ROAD
MADISON, WI 53713
SEWER CONTACT: RAY SCHNEIDER
OFFICE: (608) 347-3628
EMAIL: RAYS@MADSEWER.ORG

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

NOTE:
UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CONTRACTOR SHALL HAVE APPROPRIATE UTILITY MARK EXACT LOCATIONS PRIOR TO CONSTRUCTION.

PROJECT NO.: 07729032	SCALE: AS SHOWN	NO.	DATE	REVISION	BY
PROJECT DATE: 5/2/18	DRAWN BY: KNH	1	5/21/18	ADDENDUM #1	KNH
F.B.:	CHECKED BY: KCL				

PLOT DATE: 5/21/18, P:\7700s\7720s\7729\07729032\CADD\Construction Drawings\07729032_G Sheets.dwg

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SEMINOLE HIGHWAY PATH CONNECTOR
CITY OF FITCHBURG
DANE COUNTY, WISCONSIN

TITLE SHEET

FILE NO. 07729032
SHEET C-101

ALIGNMENT INFORMATION

START
TANGENT
STA. 10+00.00
N = 463781.56
E = 803766.24
DIST. = 186.88'
BEARING - N 19°32'07.40" E

ARC
PC STA. = 11+74.06
N = 463945.60
E = 803824.44

PI STA. = 11+86.88
N = 463957.68
E = 803828.73
LCHORD = 25.08'
RADIUS = 60'
BEARING = N 31° 35' 59.34" E
LENGTH = 25.27'

PT STA. = 11+99.33
N = 463966.96
E = 803837.58

TANGENT
STA. = 11+99.33
N = 463966.96
E = 803837.58
DIST. = 1.50'
BEARING = N 43° 39' 51.32" E

ARC
PC STA. = 12+00.83
N = 463968.05
E = 803838.62

PI STA. = 12+16.73
N = 463979.55
E = 803849.59
LCHORD = 30.74'
RADIUS = 60'
BEARING = N 28° 49' 20.78"
LENGTH = 31.09'

PT STA. = 12+31.91
N = 463994.98
E = 803853.44

TANGENT
STA. = 12+31.91
N = 436994.98
E = 803853.44
DIST = 264.11'
BEARING = N 13°58'50.25" E

ARC
PC STA. = 14+96.03
N = 464251.27
E = 803917.25

PI STA. = 15+05.84
N = 464260.79
E = 803919.62
LCHORD = 19.27'
RADIUS = 50'
BEARING = N25°5'30.97" E
LENGTH = 19.39'

PT STA. = 15+15.42
N = 464268.72
E = 803925.42

ARC
PC STA. = 15+15.42
N = 464268.72
E = 803925.42

PI STA. = 15+38.51
N = 464287.35
E = 803939.06
LCHORD = 44.92'
RADIUS = 97'
BEARING = N22° 48' 53.87" E
LENGTH = 45.33'

PT STA. = 15+60.75
N = 464310.13
E = 803942.84

TANGENT
STA. = 15+60.75
N = 464310.13
E = 803924.84
DIST. = 4.36'
BEARING = N 9° 25' 36.03" E

ARC
PC STA. = 15+65.11
N = 464314.42
E = 803943.55

PI STA. = 16+10.05
N = 464358.76
E = 803950.91
LCHORD = 88.89'
RADIUS = 300'
BEARING = N 17° 56' 50.33" E
LENGTH = 89.23'

PT STA. = 16+54.33
N = 464398.99
E = 803970.94

TANGENT
STA. = 16+54.33
N = 464398.99
E = 803970.94
DIST. = 52.90'
BEARING = N 26° 28' 4.62" E

ARC
PC STA. = 17+07.23
N = 464446.35
E = 803994.52

PI STA. 17+47.14
N = 464482.08
E = 804012.31
LCHORD = 78.28'
RADIUS = 200'
BEARING = N 15° 10' 56.53" E
LENGTH = 78.79'

PT STA. = 17+86.02
N = 464521.89
E = 804015.02

TANGENT
STA. = 17+86.02
N = 464521.89
E = 804015.02
DIST. = 175.00'
BEARING = N 3° 53' 48.43" E

ARC
PC STA. = 19+61.03
N = 464696.50
E = 804026.92

PI STA. 19+83.09
N = 464718.52
E = 804028.42
LCHORD = 43.86'
RADIUS = 200'
BEARING = N 10° 11' 30.99" E
LENGTH = 43.95'

PT STA. = 20+04.98
N = 464739.67
E = 804034.68

TANGENT
STA. = 20+04.98
N = 464739.67
E = 804034.68
DIST. = 81.58'
BEARING = N 16° 29' 13.55" E

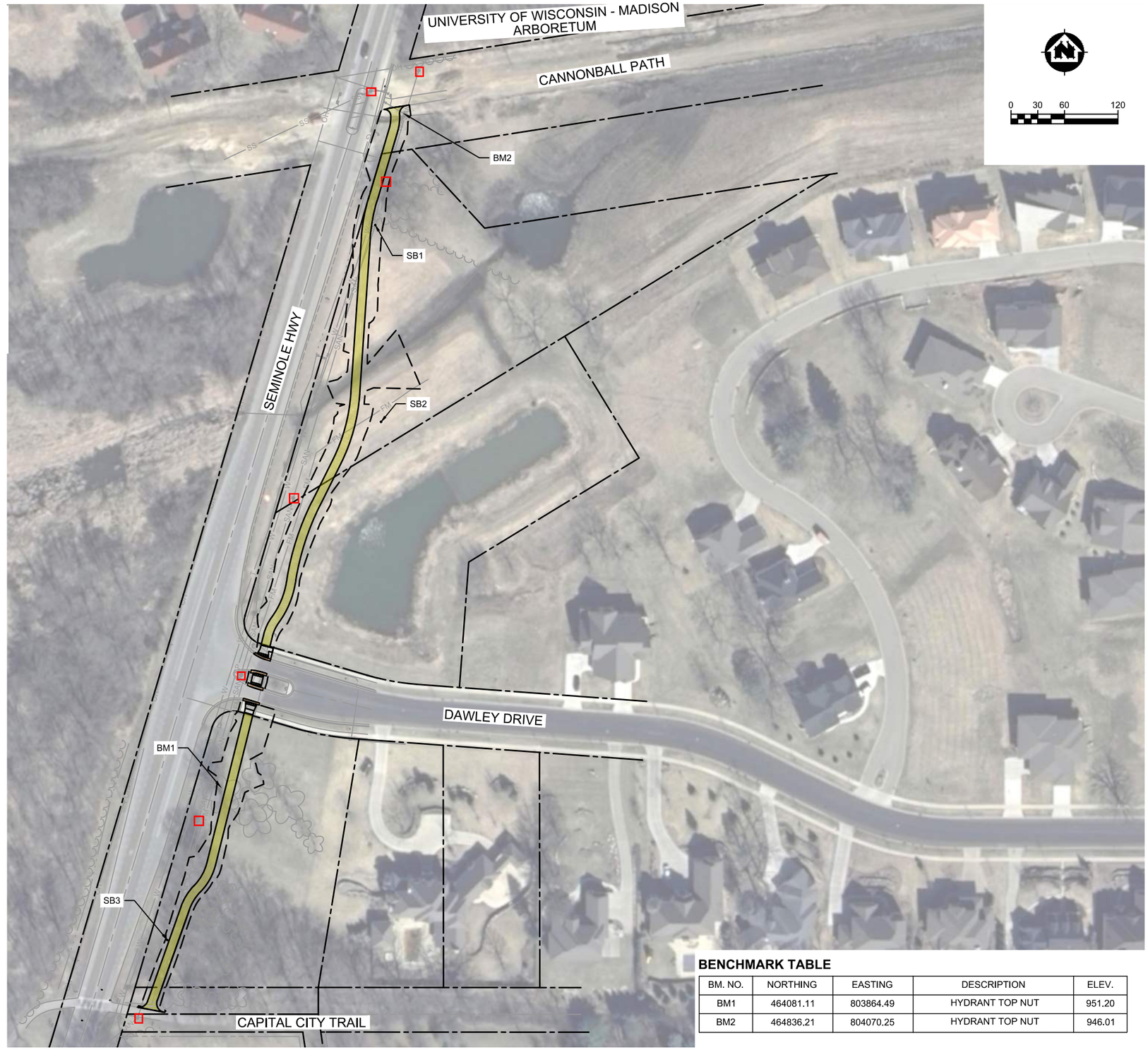
ARC
PC STA. = 20+86.56
N = 464817.90
E = 804057.83

PI STA. = 20+97.99
N = 464828.86
E = 804061.07
LCHORD = 22.28'
RADIUS = 50'
BEARING = N 3° 36' 54.65" E
LENGTH = 22.47'

PT STA. = 21+09.03
N = 464840.13
E = 804059.23

TANGENT
STA. = 21+09.03
N = 464840.13
E = 804059.23
DIST. = 31.36'
BEARING = N 9° 15' 24.25" W

END
STA. = 21+40.39
N = 464871.08
E = 804054.19



BENCHMARK TABLE

BM. NO.	NORTHING	EASTING	DESCRIPTION	ELEV.
BM1	464081.11	803864.49	HYDRANT TOP NUT	951.20
BM2	464836.21	804070.25	HYDRANT TOP NUT	946.01

PROJECT NO.: 07729032	SCALE: AS SHOWN	NO.	DATE	REVISION	BY
PROJECT DATE: 5/3/18	DRAWN BY: KNH	1	5/21/18	ADDENDUM #1	KNH
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SEMINOLE HIGHWAY PATH CONNECTOR
CITY OF FITCHBURG
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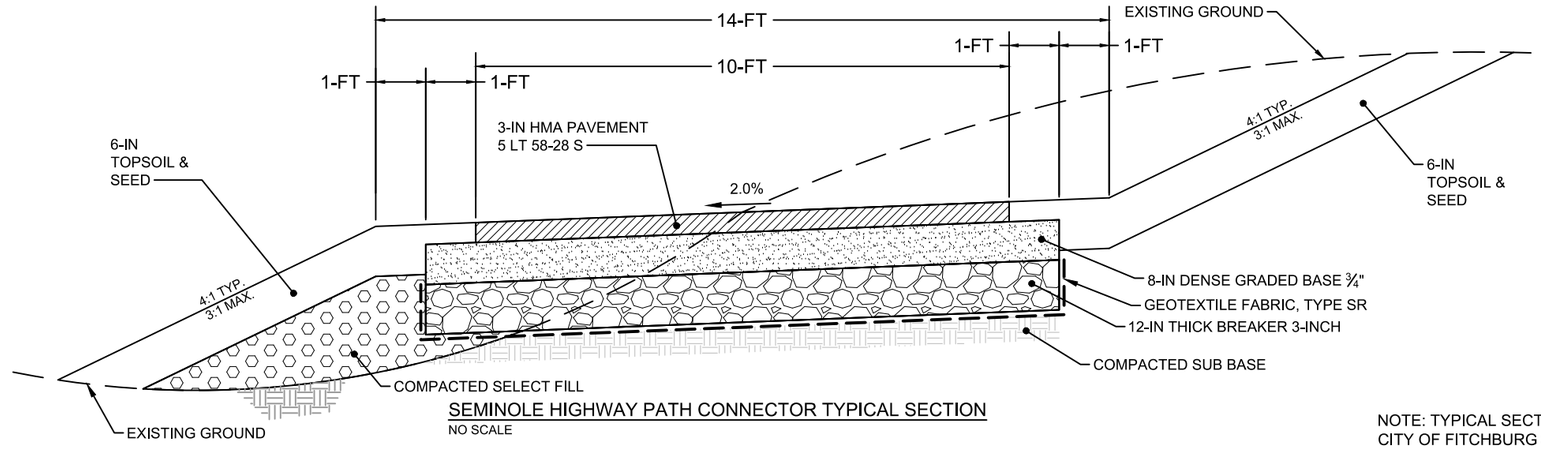
PROJECT OVERVIEW

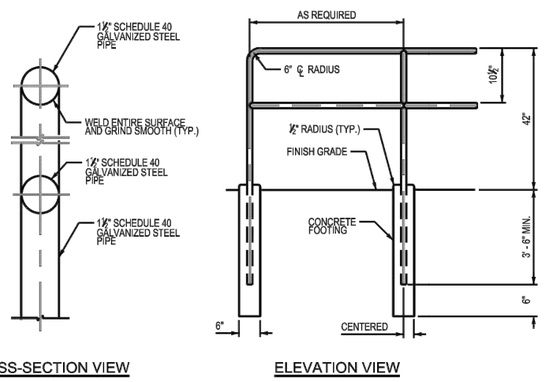
FILE NO. 07729032
SHEET C-102



SEMINOLE HIGHWAY PATH CONNECTOR TYPICAL SECTION

NO SCALE

NOTE: TYPICAL SECTION ON THIS SHEET IS FROM THE CITY OF FITCHBURG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - MARCH 2017

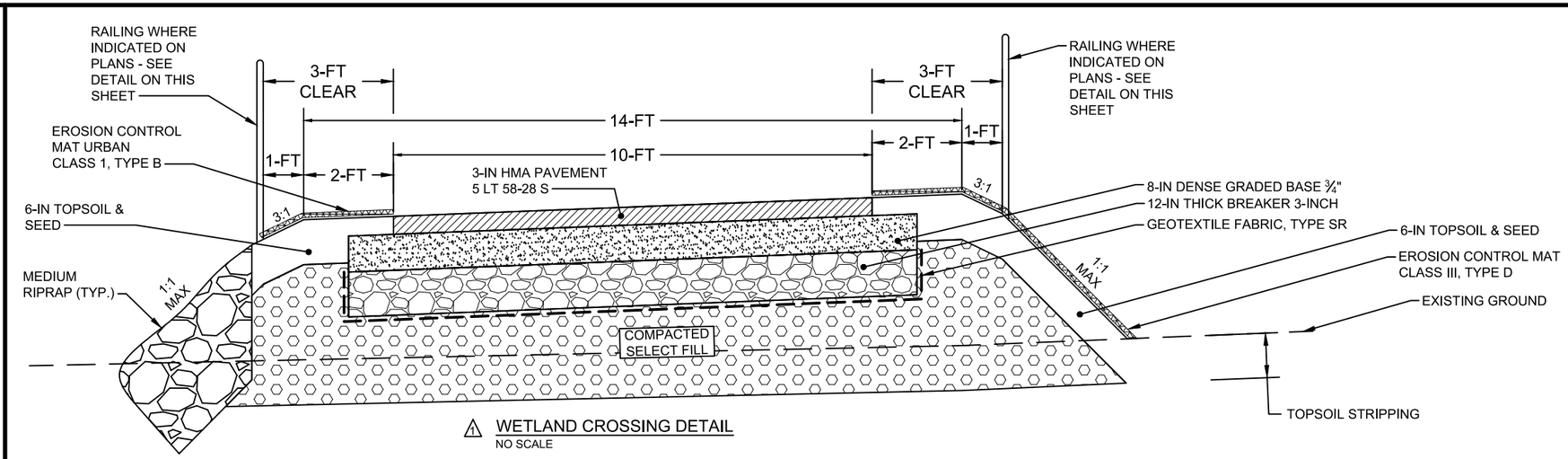


CROSS-SECTION VIEW

ELEVATION VIEW

⚠1 RAILING DETAIL

NO SCALE

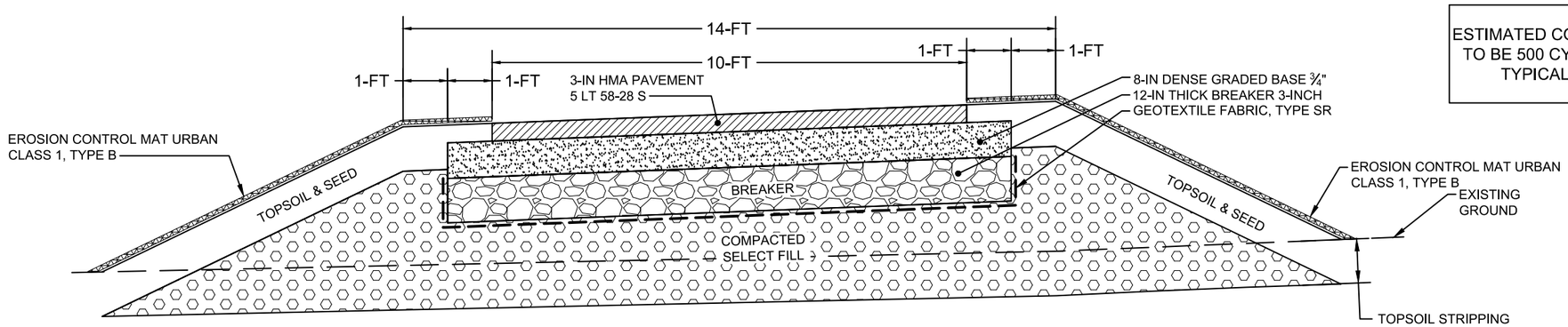


⚠1 WETLAND CROSSING DETAIL

NO SCALE

STA. 17+72 LT TO 18+35 LT
STA. 17+75 RT TO 18+68 RT

ESTIMATED COMPACTED SELECT FILL TO BE 500 CY. QUANTITY BASED ON TYPICAL SECTION BELOW.



COMPACTED SELECT FILL DETAIL

NO SCALE

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PLOT DATE: 5/22/18. P:\7700s\7720s\7729\07729032\CADD\Construction Drawings\07729032_G Sheets.dwg

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SEMINOLE HIGHWAY PATH CONNECTOR
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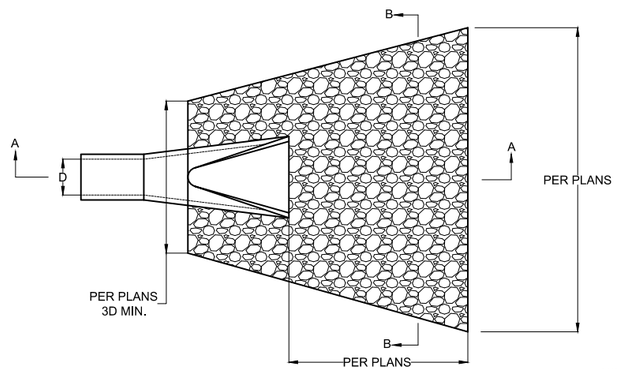
DANE COUNTY, WISCONSIN

TYPICAL SECTIONS

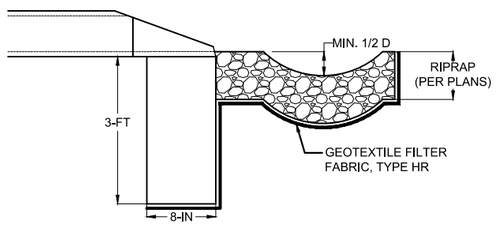
FILE NO.: 07729032

SHEET C-201

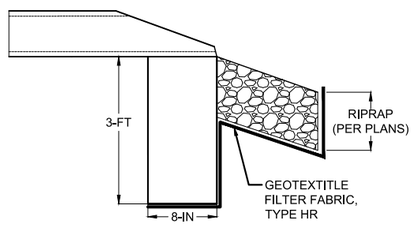


PLAN VIEW

NOTE: RIPRAP SHALL EXTEND TO TOE OF SLOPE MIN.



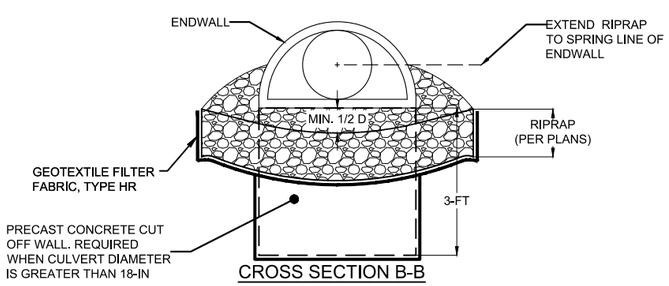
SLOPED/FLAT SWALE DISCHARGE AND FLAT POND DISCHARGE



SLOPED POND DISCHARGE

CROSS SECTION A-A

1) JOINT TIES SHALL BE INSTALLED AT THE LAST (DOWNSTREAM) TWO JOINTS ON ANY PIPE RUN ENDING IN AN APRON ENDWALL.



CROSS SECTION B-B

NOTE: THIS DETAIL HAS BEEN MODIFIED FROM THE CITY OF FITCHBURG STANDARD DETAIL DRAWING 6.06

RIP RAP AND ENDWALL INSTALLATION

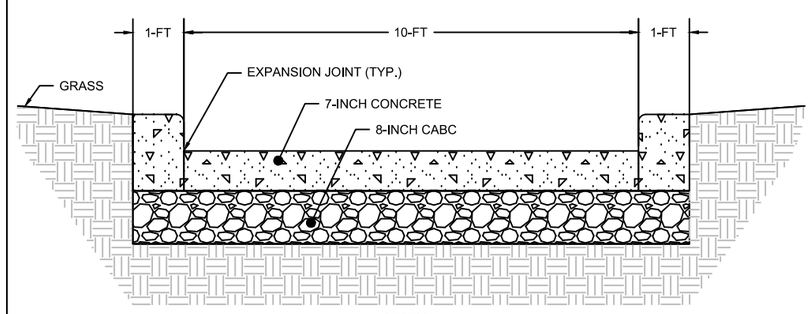
NO SCALE

GENERAL NOTES FOR ALL SIDEWALK

1. *Sidewalk thickness shall be 7-inches* throughout project.
2. *Sidewalk cross-slope shall be 1.5% and not exceed 2.0%.*
3. *Provide a 1/2" expansion joint at all ramp locations, through driveways, against the curb and gutter, at radii, and every 200' of the sidewalk.*
4. *Construction forms shall be equal to or greater than the sidewalk thickness.*

GENERAL NOTES FOR ALL SIDEWALK RAMPS

1. *Install curb cuts at sidewalk ramps with either full removal and replacement or by "sawcutting" the curb head.*
2. *Curb tapers at curb cuts shall be 18" unless otherwise directed by the Engineer.*
3. *The width of the flat bottom of the ramp at the curb shall be 60" minimum.*
4. *The maximum slope of the ramp between the back of the curb and the front of the detectable warning field shall not exceed 2%. The maximum slope of the ramp between the front of the detectable warning field and the sidewalk shall not exceed one inch per foot.*
5. *All handicap ramps shall include detectable warning fields with truncated domes.*
6. *Detectable warning field shall be oriented in a manner that it is parallel to the direction of pedestrian traffic. When curb is perpendicular to direction of pedestrian traffic, install detectable warning field tight to back of curb. When curb is not perpendicular to the direction of pedestrian traffic, stager detectable warning field panels to minimize space between detectable warning field panels and back of curb.*
7. *For a sidewalk ramp, detectable warnings shall be a minimum of 5' x* 2.0' *For a bike path ramp, detectable warnings shall be a minimum of 10' x* 2.0'.
8. *When conditions require more information, refer to "UFAS" (Uniform Federal Accessability Standards).*

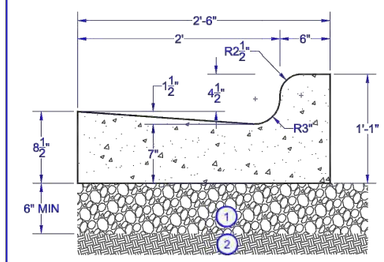


SECTION

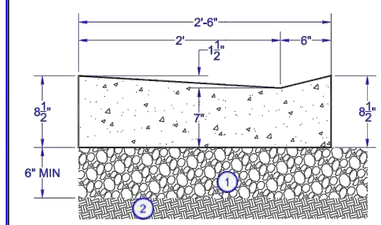
MEDIAN CROSSING AT DAWLEY DRIVE

NO SCALE

1. Dense Graded Base 1-1/2" (Typ.), Shall be provided 12-inches beyond the back of curb
2. Compacted Sub Base



30" CONCRETE CURB & GUTTER



30" DRIVEWAY SECTION

NOTE: DETAILS ON THIS SHEET ARE FROM THE CITY OF FITCHBURG STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - MARCH 2017

PROJECT NO.: 07729032	SCALE: AS SHOWN	NO.	DATE	REVISION	BY
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CITY OF FITCHBURG
DANE COUNTY, WISCONSIN

STREET DETAIL S

FILE NO. 07729032

SHEET C-202

CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

1.) SECTION NR216.46 OF WISCONSIN STATE ADMINISTRATIVE CODE IDENTIFIES REQUIREMENTS FOR CONSTRUCTION SITE AND POST-CONSTRUCTION EROSION CONTROL. IT IS THE INTENT OF THESE PLANS TO SATISFY THESE REQUIREMENTS. THE METHODS AND STRUCTURES USED TO CONTROL EROSION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL IMPLEMENT AN APPROPRIATE MEANS OF CONTROLLING EROSION DURING SITE OPERATION AND UNTIL THE VEGETATION IS RE-ESTABILISHED. ADJUSTMENTS TO THE CONTROL SYSTEM SHALL BE MADE AS REQUIRED.

2.) ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE WISCONSIN DNR'S CONSERVATION PRACTICE STANDARDS. THESE STANDARDS ARE PERIODICALLY UPDATED AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND REFERENCE THE MOST RECENTLY RELEASED STANDARD.

3.) THIS INFORMATION IS ONLY ONE PART OF THE OVERALL EROSION CONTROL REQUIREMENTS. ADDITIONAL REQUIREMENTS MAY ALSO BE SHOWN ON THE CONTRACT DRAWINGS AND IN THE ACCOMPANYING SPECIFICATIONS.

4.) ADDITIONAL EROSION CONTROL MEASURES, AS REQUESTED IN WRITING BY THE STATE OR LOCAL INSPECTORS, OR THE OWNER'S ENGINEER, SHALL BE INSTALLED WITHIN 24 HOURS.

5.) THE AREA OF EROSIVE LAND EXPOSED TO THE ELEMENTS BY GRUBBING, EXCAVATION, TRENCHING, BORROW AND FILL OPERATIONS AT ANY ONE TIME SHALL BE MINIMIZED TO THE MAXIMUM EXTENT PRACTICABLE. FOR ANY DISTURBED AREA THAT REMAINS INACTIVE FOR GREATER THAN 7 WORKING DAYS, OR WHERE GRADING WORK EXTENDS BEYOND THE PERMANENT SEEDING DEADLINES, THE SITE MUST BE TREATED WITH TEMPORARY STABILIZATION MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING AND/OR MULCHING. ALL DISTURBED AREAS SHALL BE TREATED WITH PERMANENT STABILIZATION MEASURES WITHIN 3 WORKING DAYS OF FINAL GRADING.

6.) ALL EROSION CONTROL MEASURES AND STRUCTURES SERVING THE SITE MUST BE INSPECTED AT LEAST WEEKLY OR WITHIN 24 HOURS OF THE TIME 0.5 INCHES OF RAIN HAS OCCURRED. ALL NECESSARY REPAIR AND MAINTENANCE WILL BE DONE AT THIS INSPECTION TIME.

7.) ALL EROSION CONTROL DEVICES AND/OR STRUCTURES SHALL BE PROPERLY INSTALLED PRIOR TO CLEARING AND GRUBBING OPERATIONS WITHIN THEIR RESPECTIVE DRAINAGE AREAS. THESE SHALL BE PROPERLY MAINTAINED FOR MAXIMUM EFFECTIVENESS UNTIL VEGETATION IS RE-ESTABLISHED.

8.) ALL EROSION CONTROL DEVICES SHALL BE PROPERLY INSTALLED PRIOR TO ANY SOIL DISTURBANCE.

9.) ANY SLOPES STEEPER THAN 3H:1V SHALL BE STAKED WITH EROSION CONTROL FABRIC UNLESS INDICATED ON THE PLAN.

10.) ALL WASTE AND UNUSED BUILDING MATERIALS (INCLUDING GARBAGE, DEBRIS, CLEANING WASTES, WASTEWATER, TOXIC MATERIALS, OR HAZARDOUS MATERIALS) SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO BE CARRIED OFF-SITE BY RUNOFF OR WIND.

11.) WIND EROSION SHALL BE KEPT TO A MINIMUM DURING CONSTRUCTION. WATERING, MULCH, OR A TACKING AGENT MAY BE REQUIRED TO PROTECT NEARBY RESIDENCES AND WATER RESOURCES.

12.) CHANNELIZED RUNOFF ENTERING THE PROJECT SITE FROM ADJOINING LANDS SHALL BE DIVERTED THROUGH NATURALLY OR ARTIFICIALLY EROSION-RESISTANT CONVEYANCES. IF CHANNELIZED RUNOFF CANNOT BE DIVERTED, SITE BEST MANAGEMENT PRACTICES MUST ACCOUNT FOR THE ADDITIONAL FLOW RATES AND EROSION POTENTIAL THAT SUCH RUNOFF PRESENTS.

13.) THE CONTRACTOR SHALL TAKE ALL POSSIBLE PRECAUTIONS TO PREVENT SOILS FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. PAVED SURFACES ADJACENT TO CONSTRUCTION SITE VEHICLE ACCESS SHALL BE SWEPT AND/OR SCRAPED (NOT FLUSHED) PERIODICALLY TO REMOVE SOIL, DIRT, AND/OR DUST.

14.) EROSION CONTROLS SHALL BE INSTALLED ON THE DOWNSTREAM SIDE OF TEMPORARY STOCKPILES. ANY SOIL STOCKPILE THAT REMAINS FOR MORE THAN 30 DAYS SHALL BE COVERED OR TREATED WITH STABILIZATION PRACTICES SUCH AS TEMPORARY OR PERMANENT SEEDING AND MULCHING. ALL STOCK PILES SHALL BE PLACED AT LEAST 75 FEET FROM STREAMS OR WETLANDS.

15.) ADDITIONAL EROSION CONTROL FOR UTILITY CONSTRUCTION (STORM SEWER, SANITARY SEWER, WATER MAIN, ETC.) SHALL INCLUDE THE FOLLOWING:

a. PLACE EXCAVATED TRENCH MATERIAL ON THE HIGH SIDE OF THE TRENCH.
b. BACKFILL, COMPACT, AND STABILIZE THE TRENCH IMMEDIATELY AFTER PIPE CONSTRUCTION.
c. DISCHARGE OF TRENCH WATER OR DEWATERING EFFLUENT MUST BE PROPERLY TREATED TO REMOVE SEDIMENT IN ACCORDANCE WITH THE WDNR CONSERVATION PRACTICE STANDARD 1061 - DEWATERING OR A SUBSEQUENT WDNR DEWATERING STANDARD PRIOR TO DISCHARGE INTO A STORM SEWER, DITCH, DRAINAGEWAY, OR WETLAND OR LAKE.

16.) ALL DRAINAGE CULVERTS, STORM DRAIN INLETS, MANHOLES, OR ANY OTHER EXISTING STRUCTURES THAT COULD BE DAMAGED BY SEDIMENTATION SHALL BE PROTECTED ACCORDING TO THE VARIOUS METHODS PROVIDED IN THE PRINTED CONSERVATION PRACTICE STANDARDS.

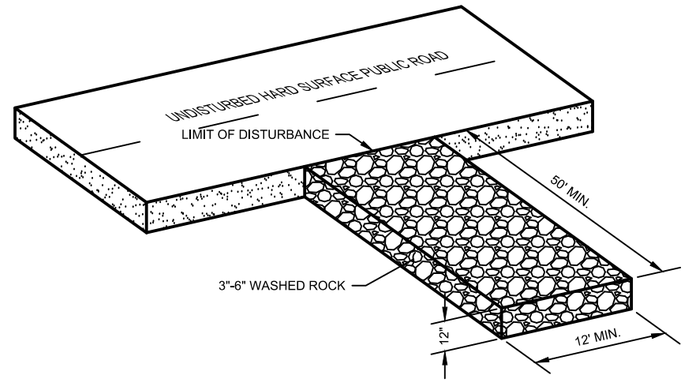
17.) ANY SOIL EROSION THAT OCCURS AFTER FINAL GRADING AND/OR STABILIZATION MUST BE REPAIRED AND THE STABILIZATION WORK REDONE.

18.) DURING THE FIRST SIX WEEKS AFTER INITIAL STABILIZATION OF A DISTURBED WATERING OF ALL NEWLY SEEDED AND MULCHED AREAS SHALL BE PROVIDED WHENEVER 7 DAYS ELAPSE WITHOUT A RAIN EVENT.

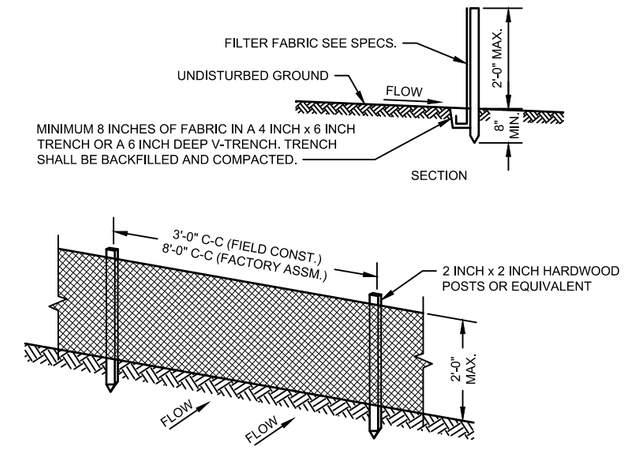
19.) WHEN THE DISTURBED AREA HAS BEEN STABILIZED BY PERMANENT VEGETATION OR OTHER MEANS, TEMPORARY BMP'S SUCH AS SILT FENCES, STRAW BALES, AND SEDIMENT TRAPS SHALL BE REMOVED AND THESE AREAS STABILIZED.

20.) ALL TEMPORARY BEST MANAGEMENT PRACTICES SHALL BE MAINTAINED UNTIL THE SITE IS STABILIZED.

21.) ALL DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED WITH SEED AND MULCH UNLESS OTHERWISE SPECIFIED. A MINIMUM OF FOUR INCHES OF TOPSOIL SHALL BE APPLIED TO ALL AREAS TO BE SEEDED OR SODDED.



VEHICLE TRACKING PAD
NO SCALE

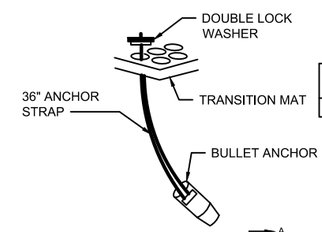


GENERAL NOTES:

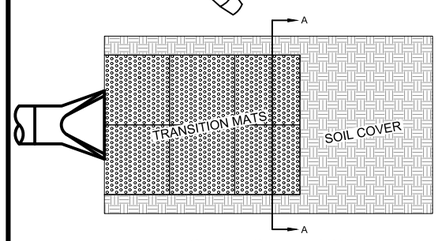
1. ENDS OF FENCE SHALL BE TURNED UPSLOPE 1 TO 2 FEET IN ELEVATION TO PREVENT FLANKING.
2. STAPLE FABRIC WITH 1/2 INCH (MINIMUM) STAPLES TO THE UPSLOPE SIDE OF THE POSTS.
3. WHEN TWO SECTIONS OF FILTER FABRIC ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.

TYPICAL SILT FENCE INSTALLATION AT SITE PERIMETER DETAIL
NO SCALE

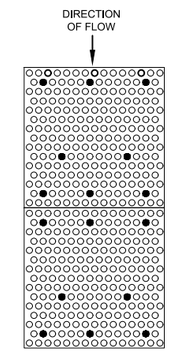
NOTE: FOLLOW MANUFACTURER'S SCOURSTOP INSTALLATION GUIDELINES TO ENSURE PROPER INSTALLATION.



PIPE DIAMETER	DISCHARGE (FT/SEC)	SCOURSTOP WIDTHXLENGTH
12"	≤ 10	4'X4'

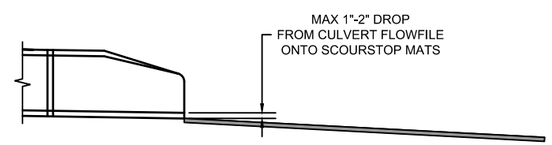


CULVERT OUTLET - PLAN VIEW

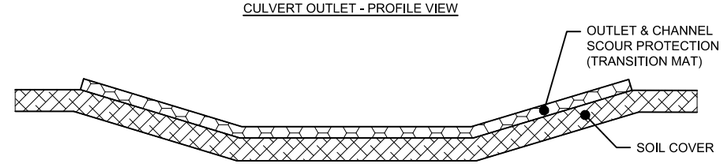


ABUT TRANSITION MATS TO END OF CULVERT OR CULVERT APRON. ADJACENT MATS ABUT TOGETHER LATERALLY AND LONGITUDINALLY. MINIMUM 8 ANCHORS PER MAT. EXTRA ANCHORS NEEDED FOR LOOSE OR WET SOIL AND/OR UNEVEN SOIL.

ANCHOR PATTERN

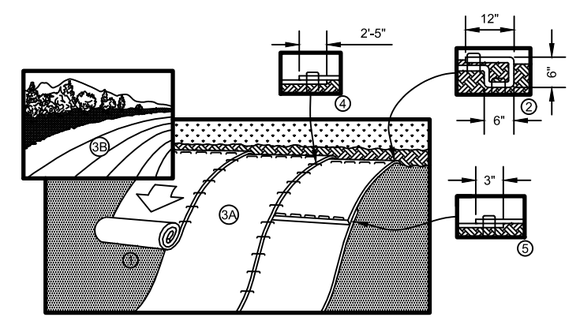


CULVERT OUTLET - PROFILE VIEW



CULVERT OUTLET - SECTION VIEW A-A

SCOUR STOP TRANSITION MAT INSTALLATION DETAILS
NO SCALE



1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15 CM) DEEP X 6" (15 CM) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30 CM) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30 CM) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30 CM) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS (A) DOWN OR (B) HORIZONTALLY ACROSS THE SLOPE. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" (5 CM-12.5 CM) OVERLAP DEPENDING ON BLANKET TYPE.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5 CM) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30 CM) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15 CM) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

EROSION CONTROL BLANKET DETAIL
NO SCALE

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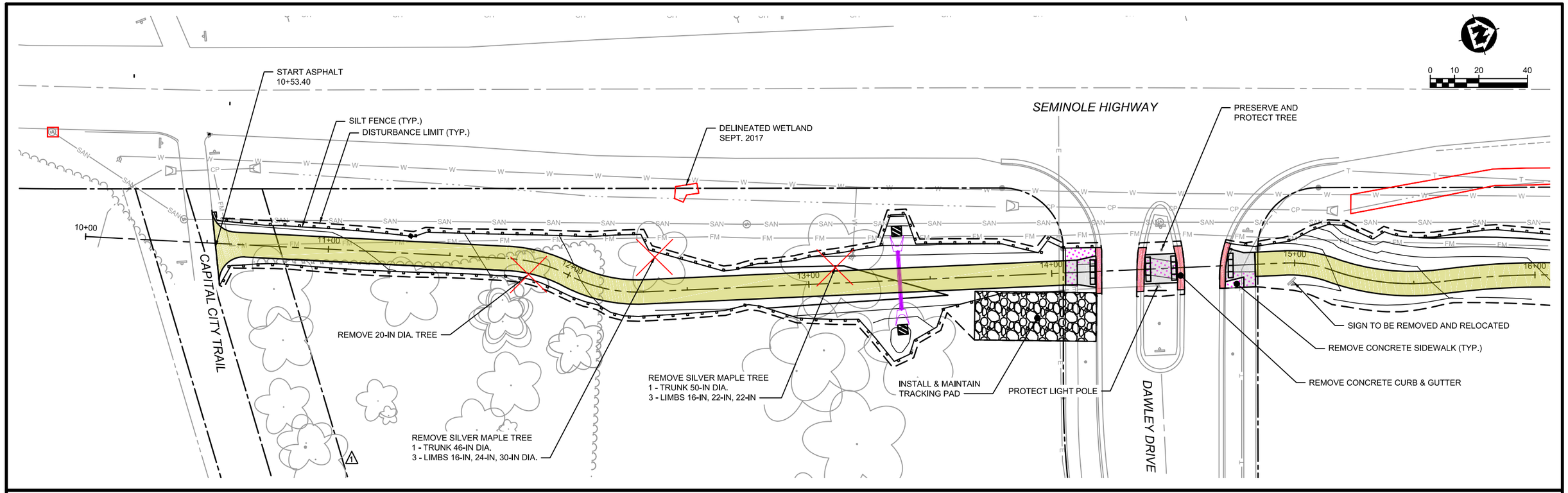
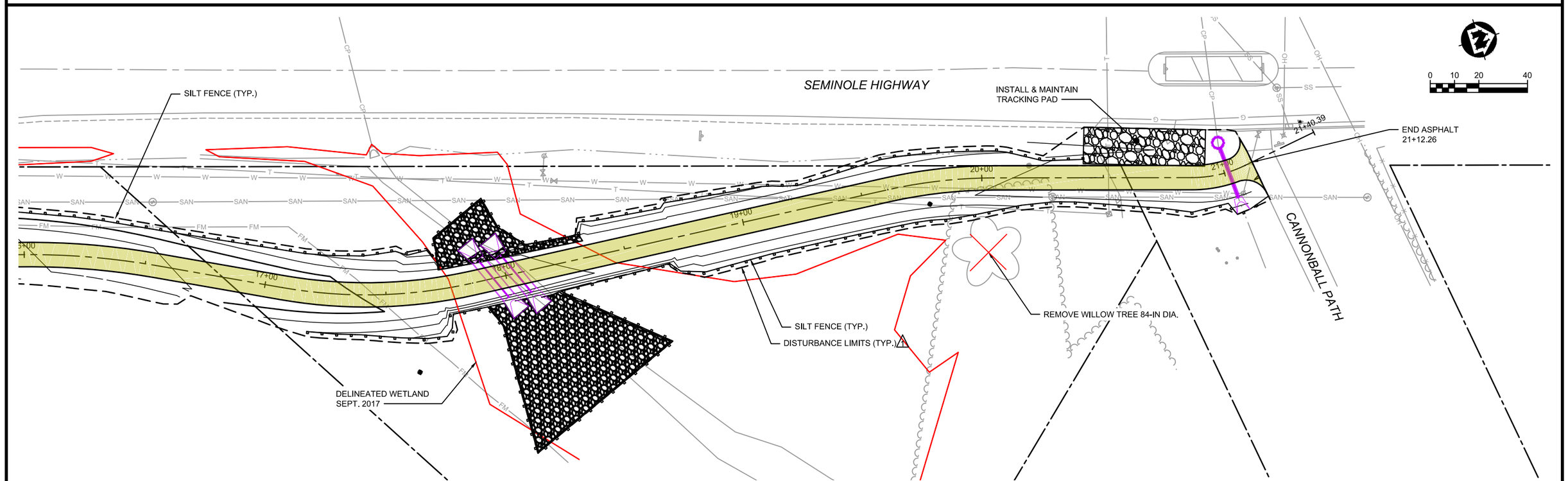
EROSION CONTROL DETAILS

FILE NO. 07729032
SHEET C-203





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EROSION CONTROL & REMOVALS PLAN

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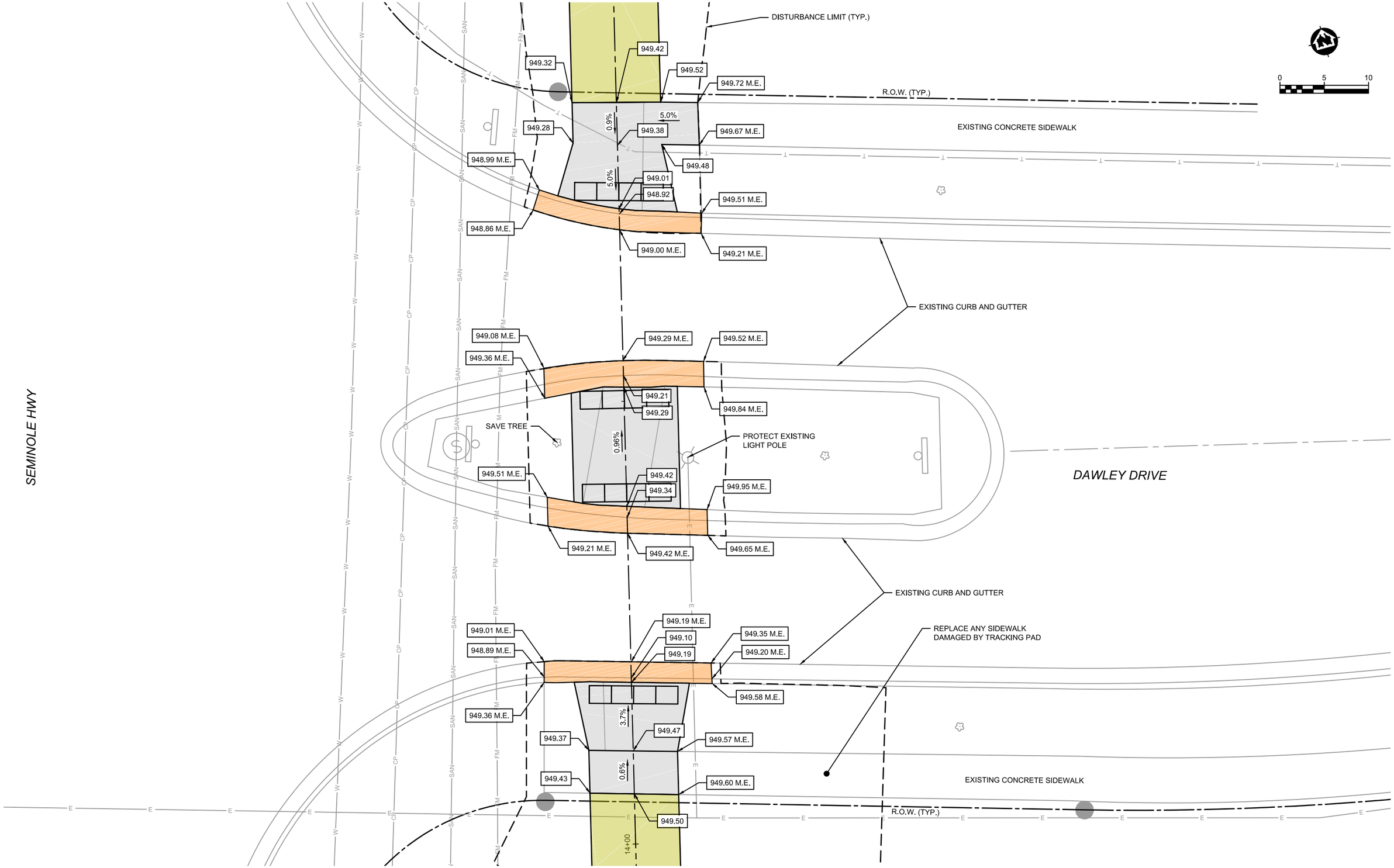

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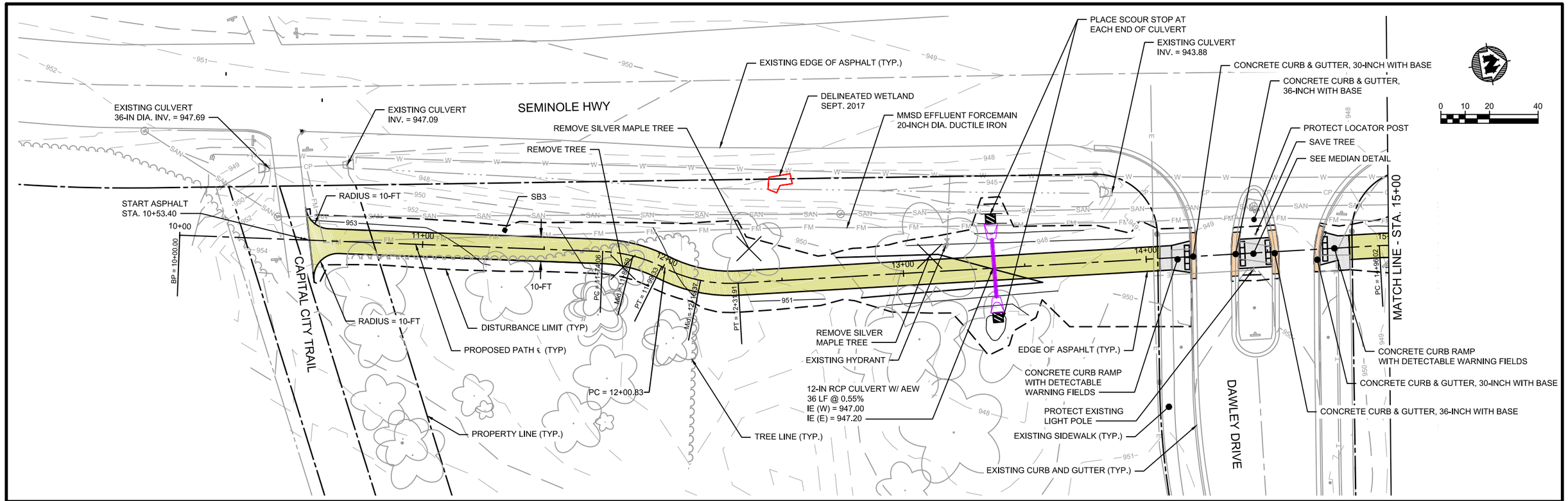
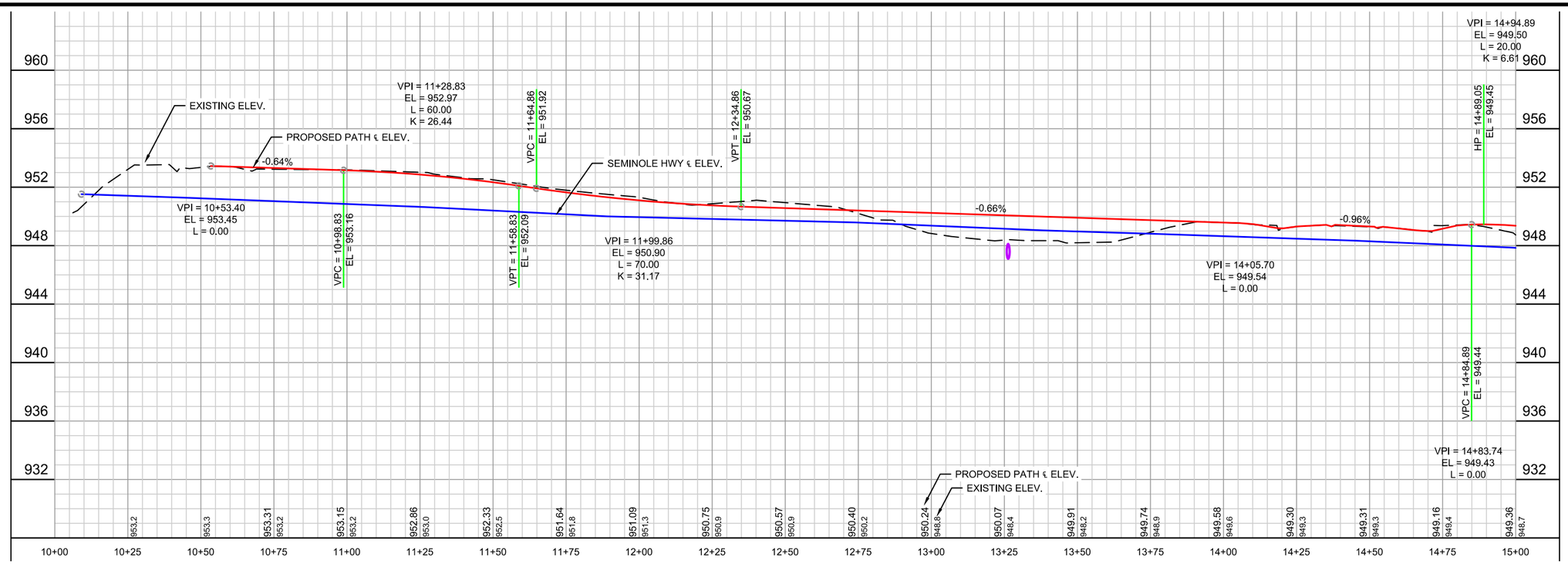
DAWLEY ROAD AND SEMINOLE HWY INTERSECTION DETAIL

FILE NO. 07729032

SHEET C-205





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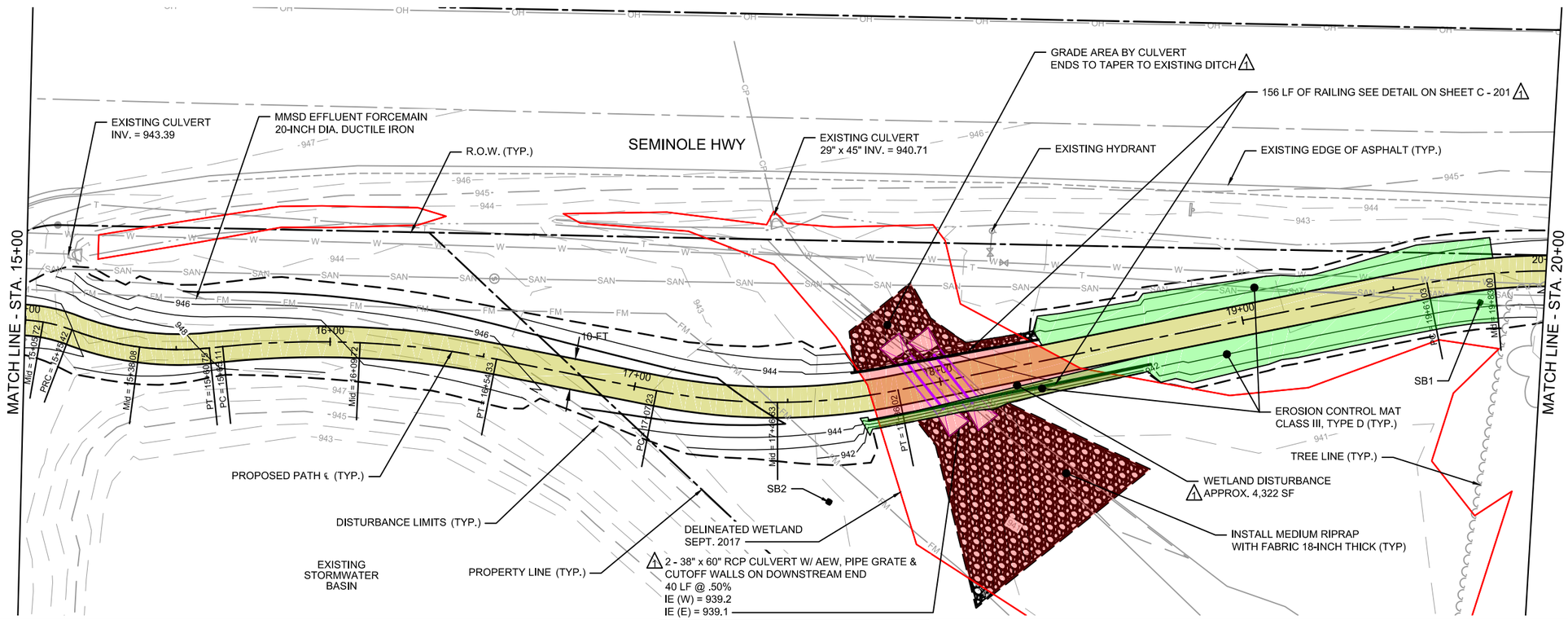

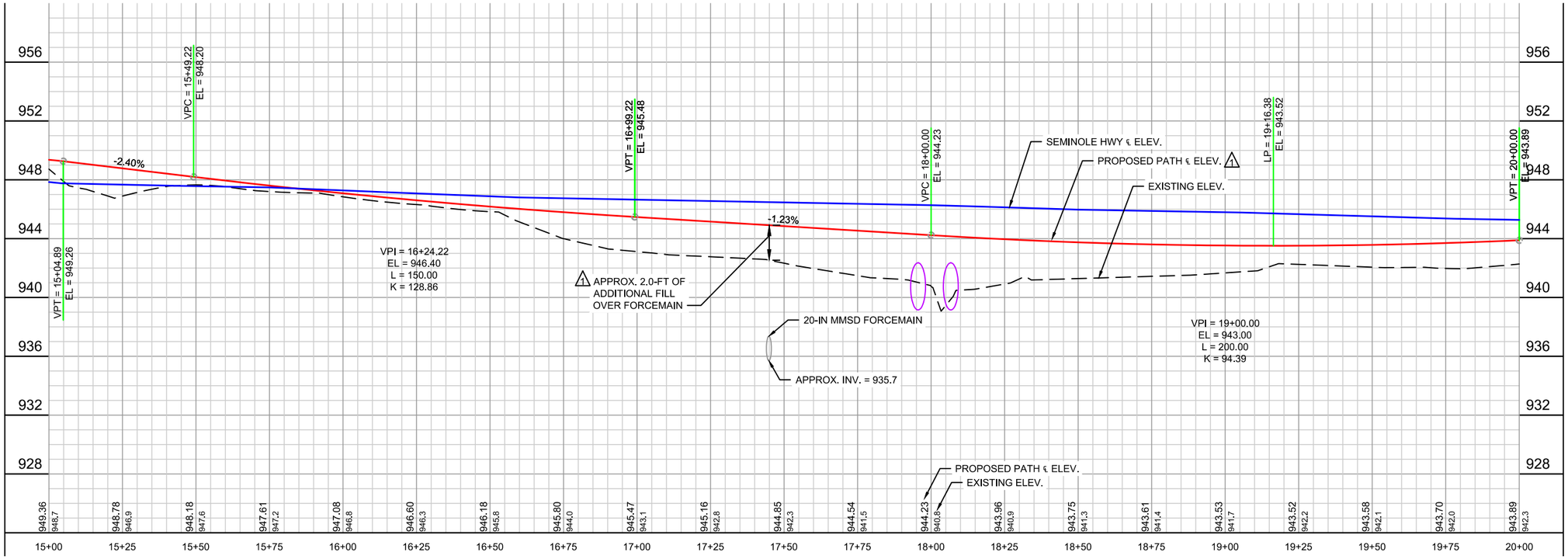

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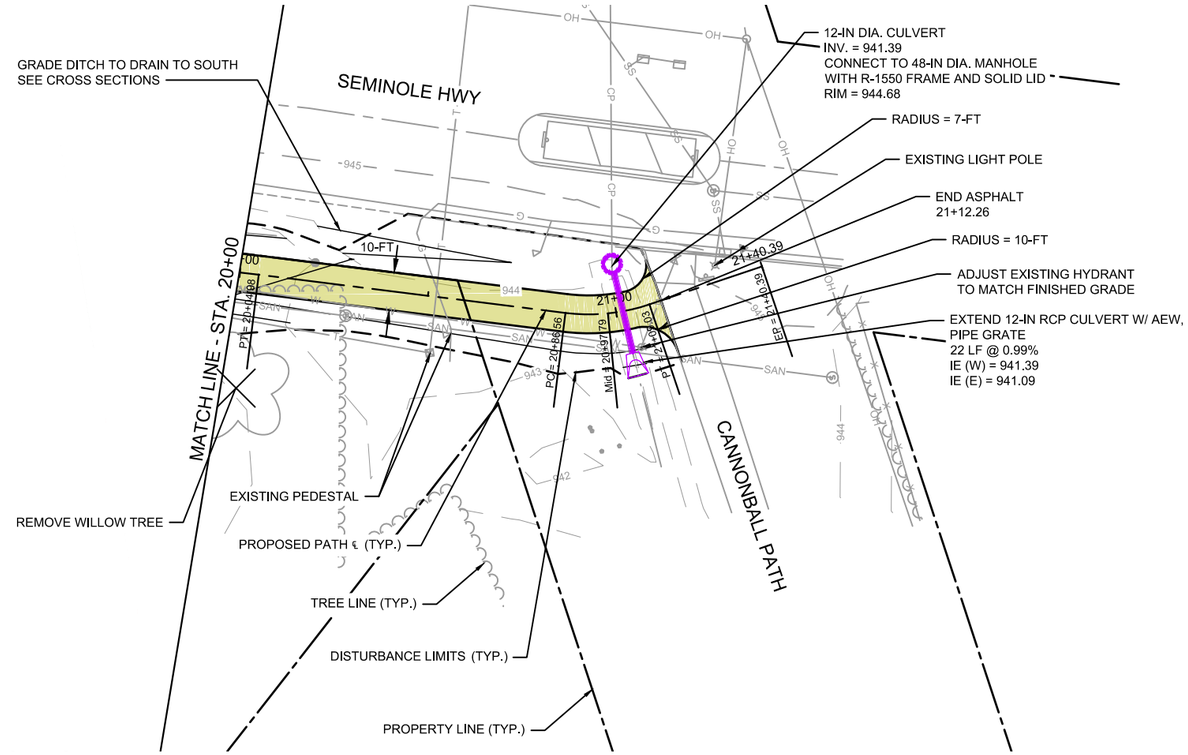

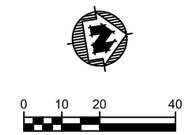

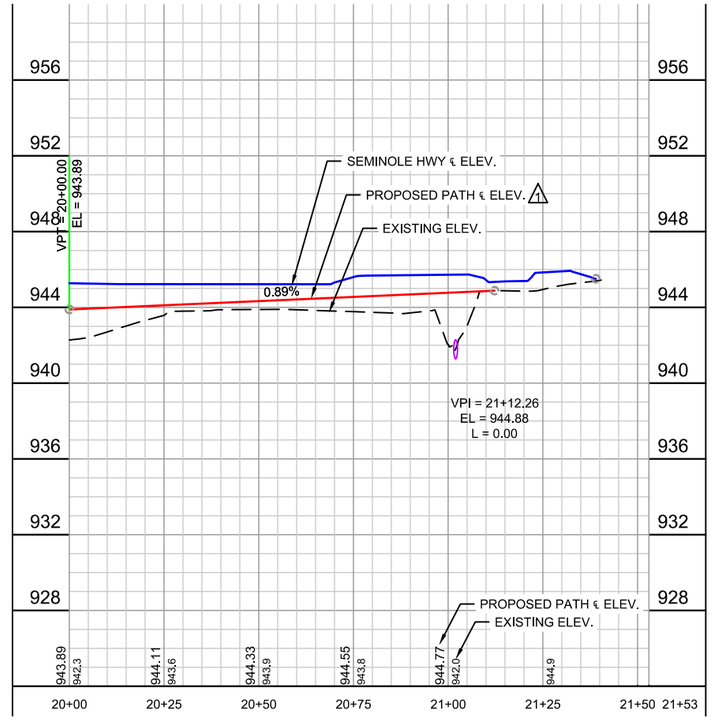

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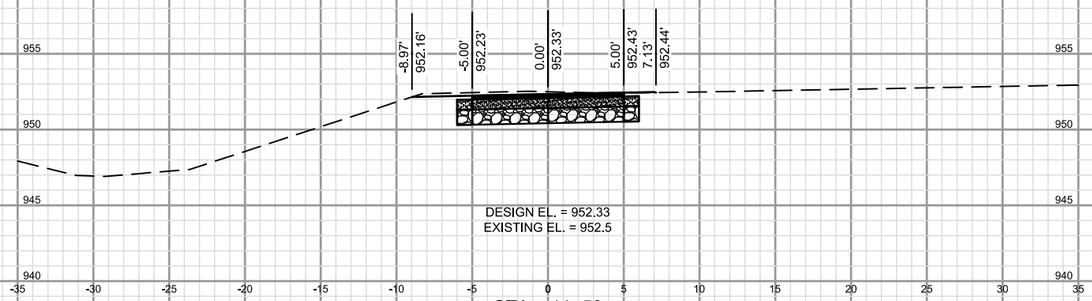

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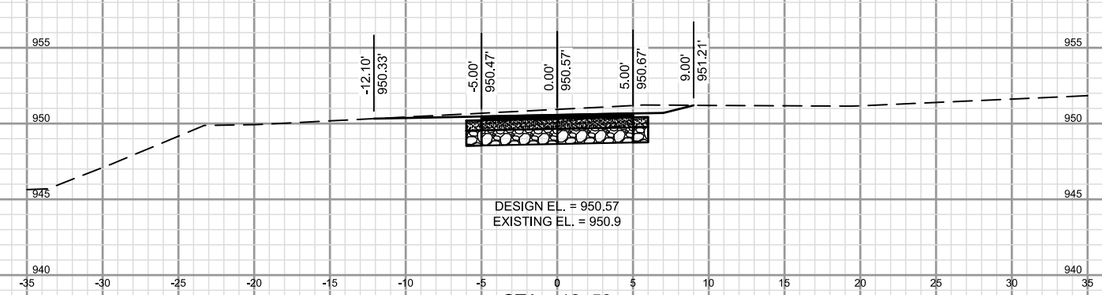

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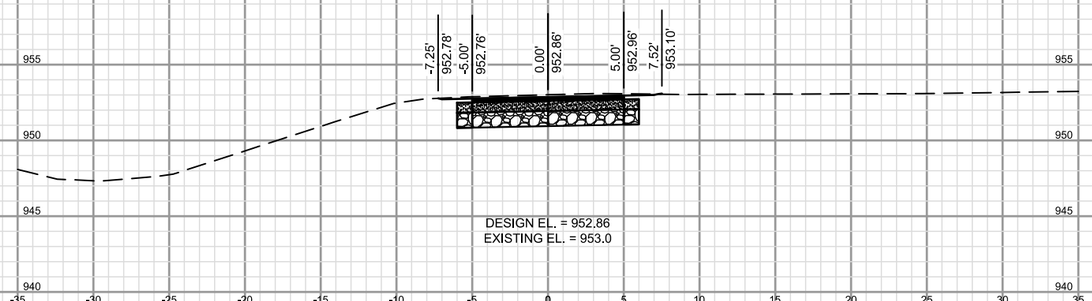

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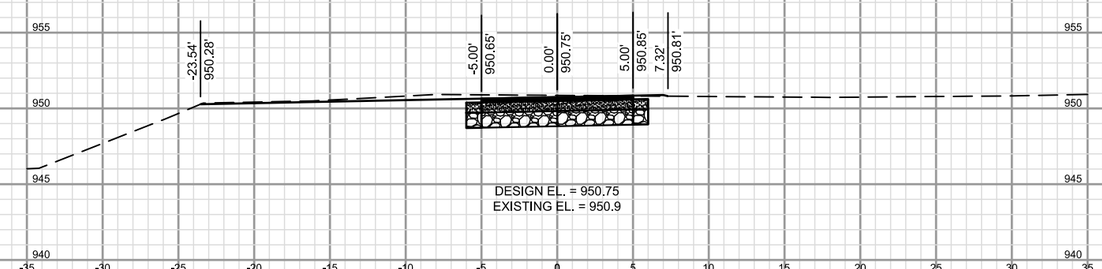

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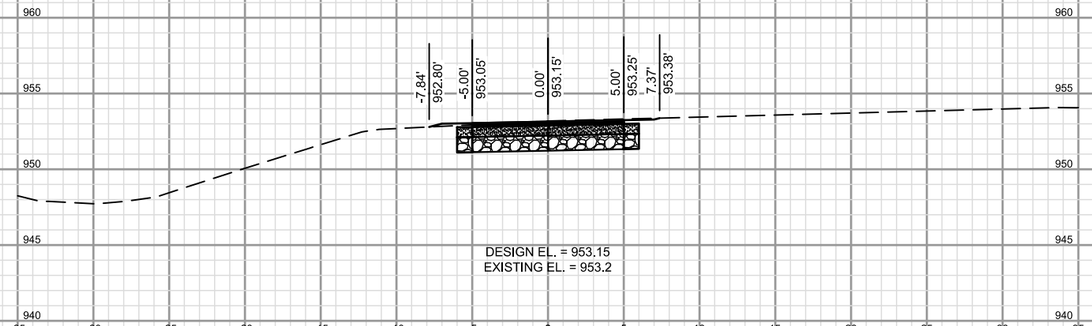

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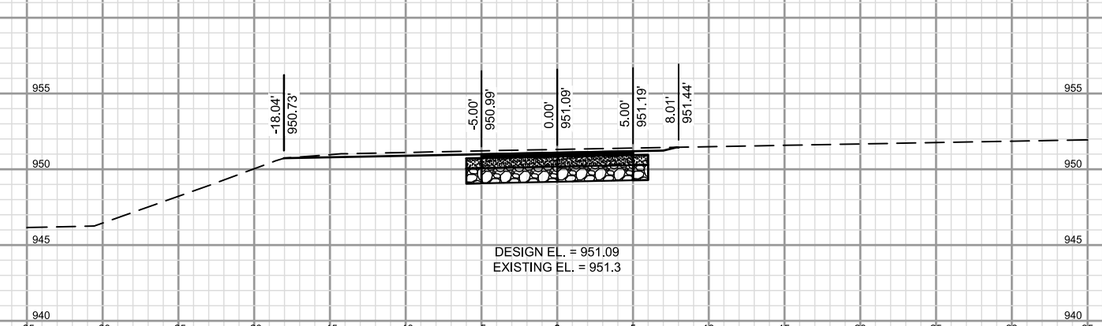

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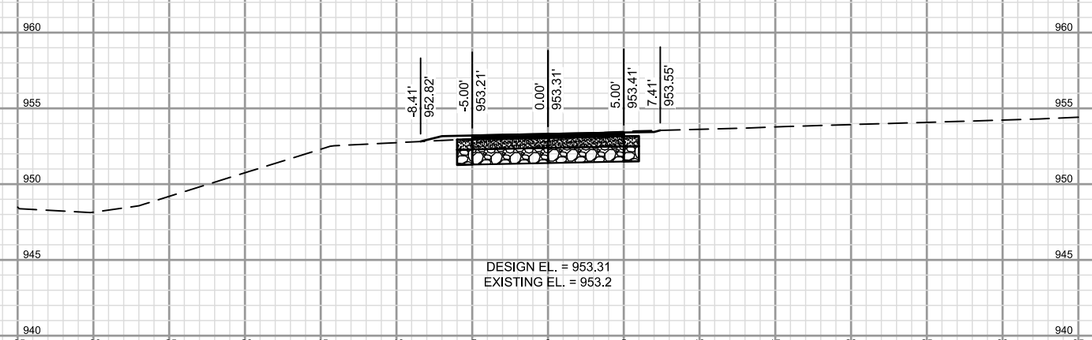

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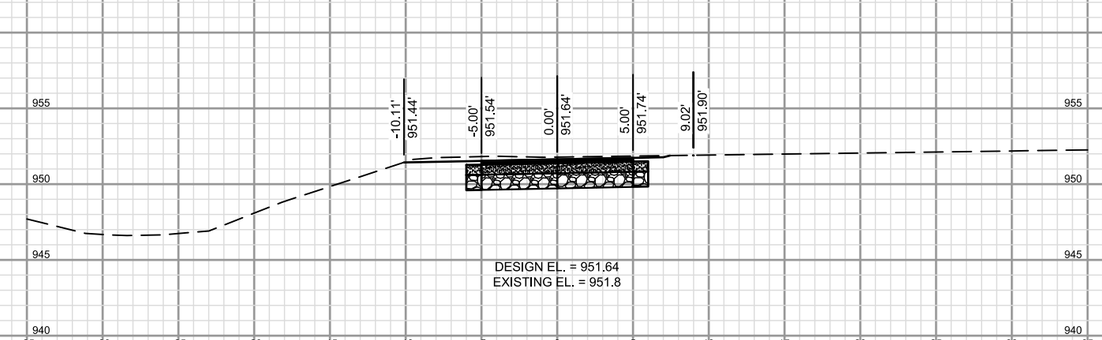

STA.= 11+75

PROJECT NO.: 07729032	SCALE: AS SHOWN	NO.	DATE	REVISION	BY
PROJECT DATE: 5/3/18	DRAWN BY: KNH	1	5/21/18	ADDENDUM #1	KNH
F.B.: .	CHECKED BY: KCL	.	.	.	.
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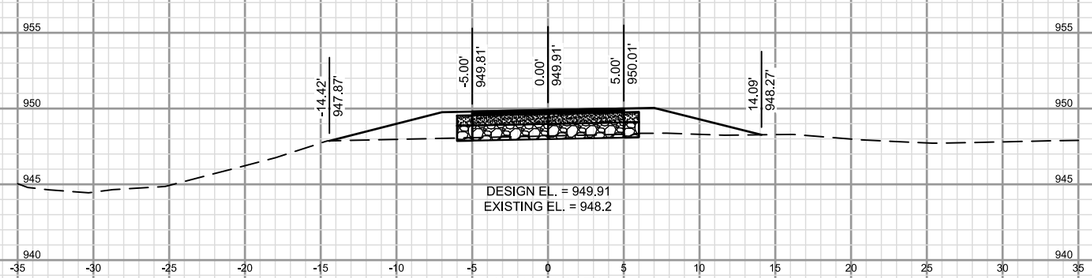
CROSS SECTION SHEET

FILE NO. 07729032
SHEET C-901

PLOT DATE: 5/21/18, P:\7700s\7720s\7729\07729032\CADD\Construction Drawings\07729032_XSections.dwg



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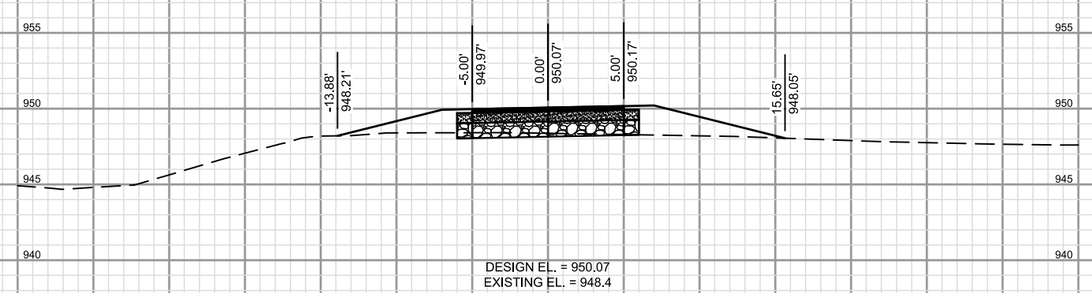

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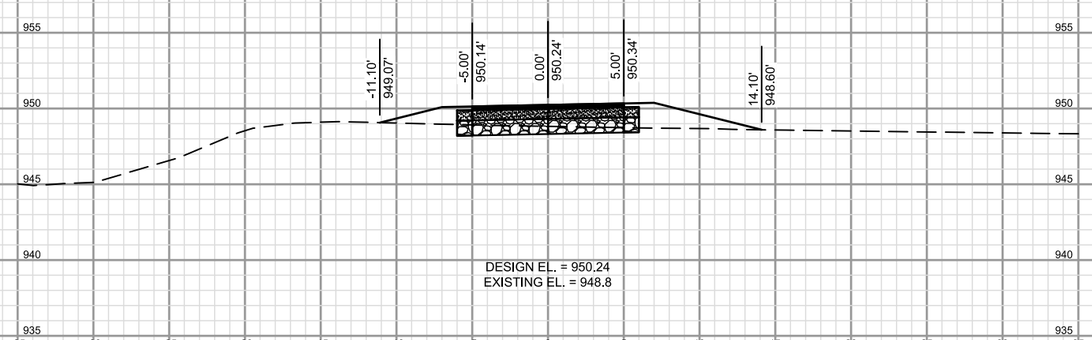

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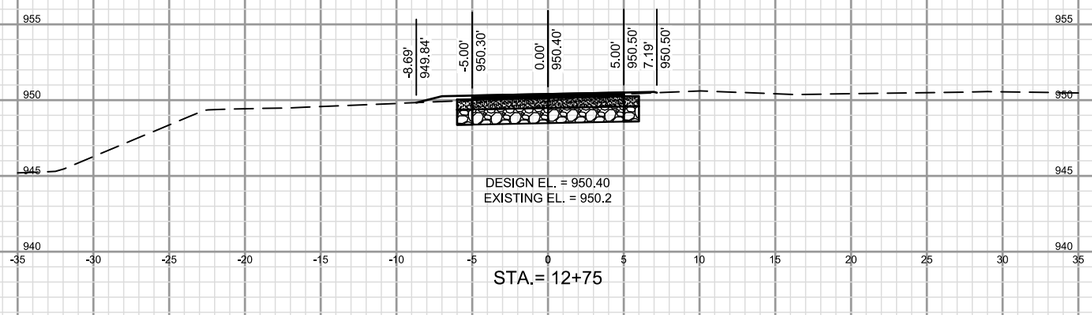

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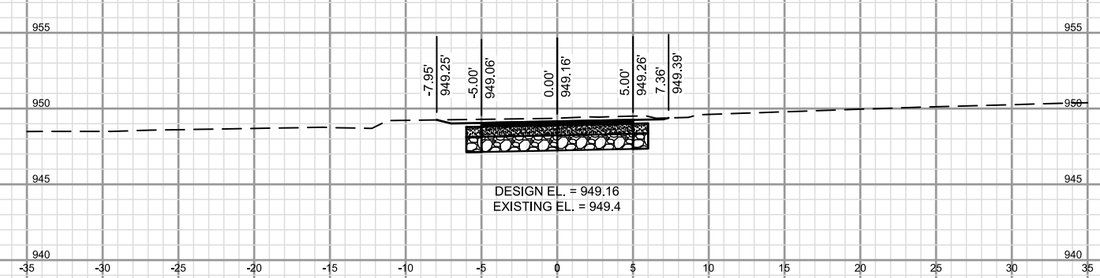

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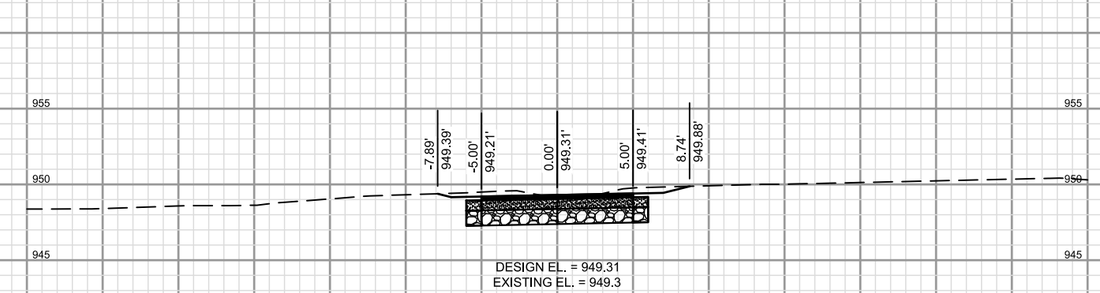

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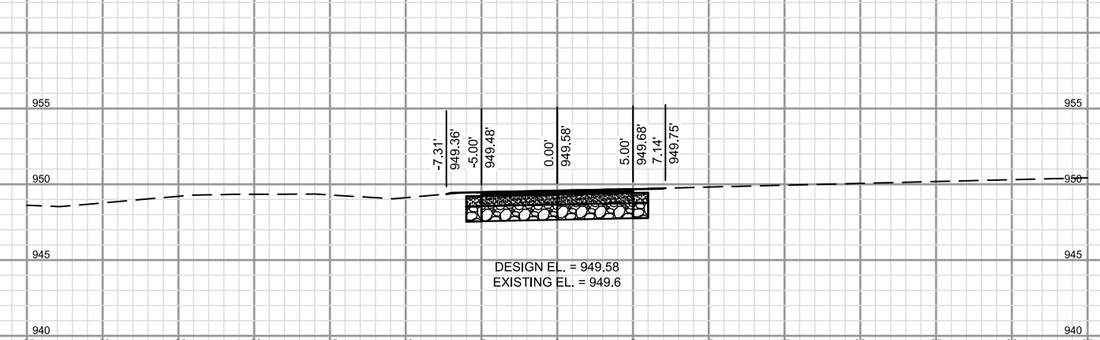

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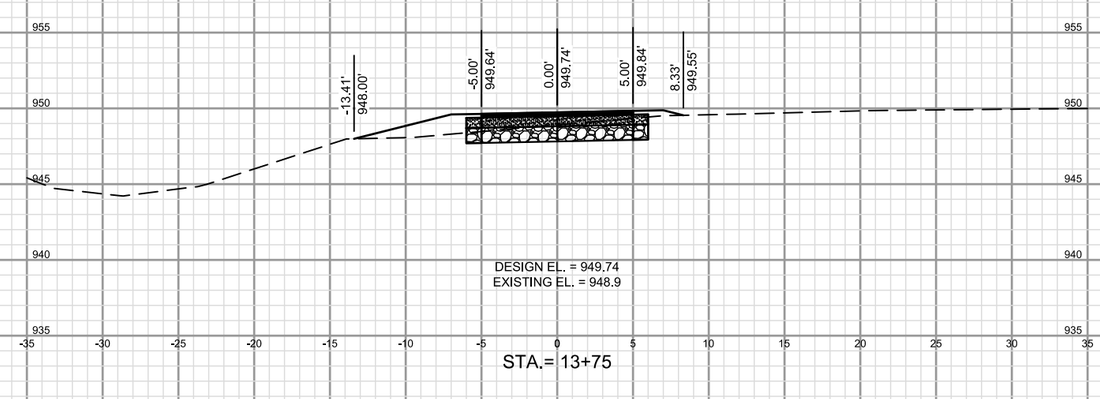

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PROJECT NO.: 07729032	SCALE: AS SHOWN	NO.	DATE	REVISION	BY
PROJECT DATE: 5/3/18	DRAWN BY: KNH	1	5/21/18	ADDENDUM #1	KNH
F.B.: .	CHECKED BY: KCL	.	.	.	.
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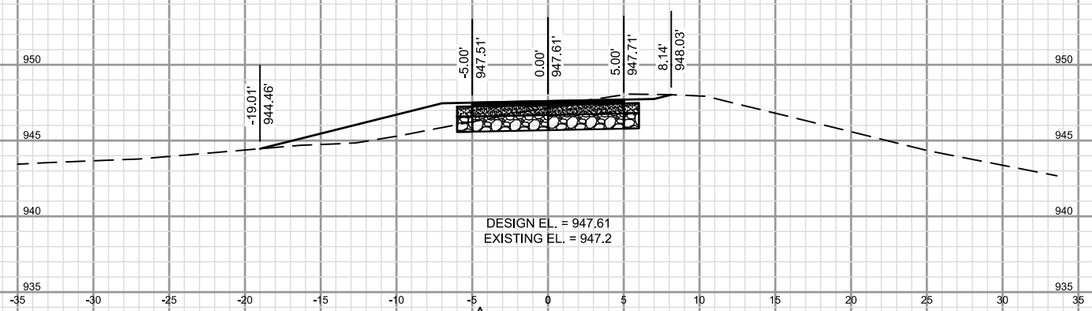
CROSS SECTION SHEET

FILE NO. 07729032
SHEET C-902

PLOT DATE: 5/21/18, P:\7700s\7720s\7729\07729032\CADD\Construction Drawings\07729032_XSections.dwg



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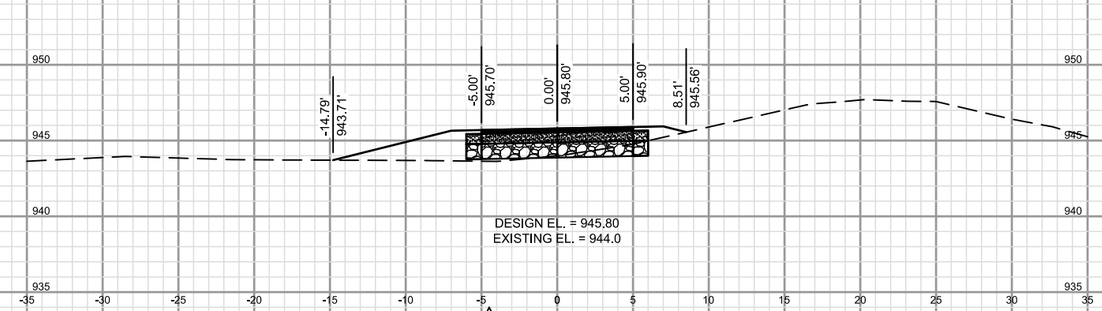

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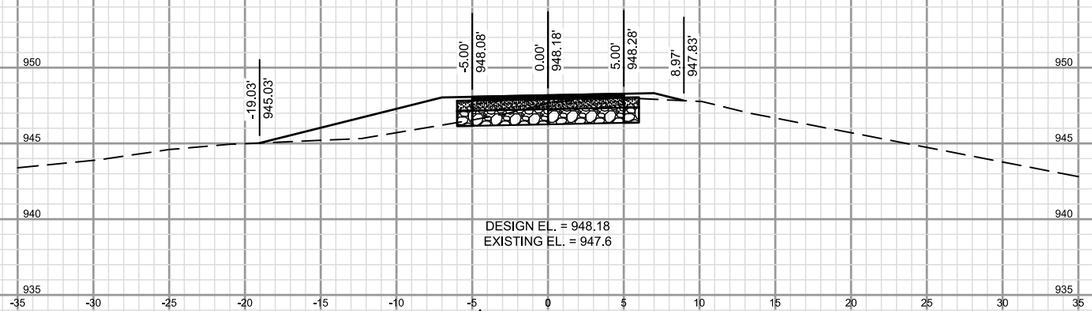

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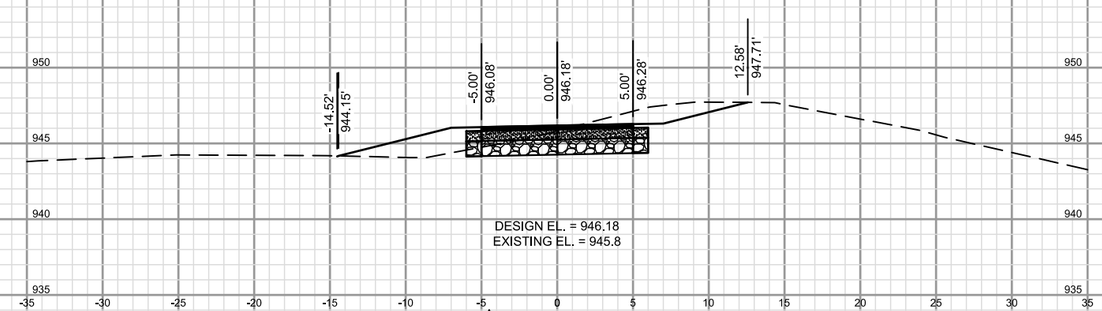

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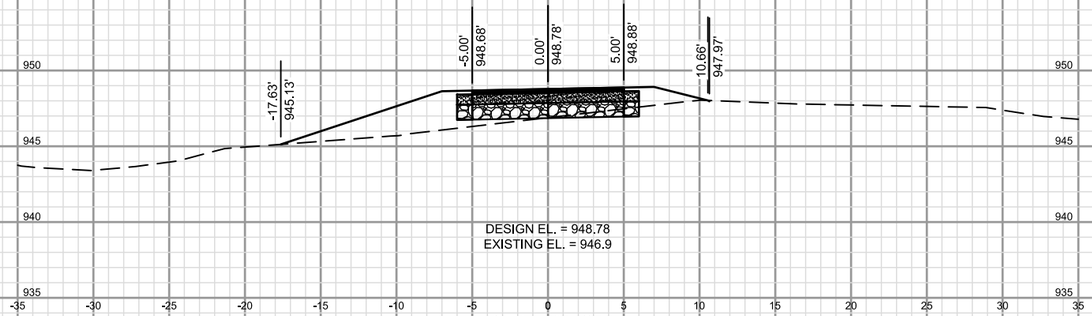

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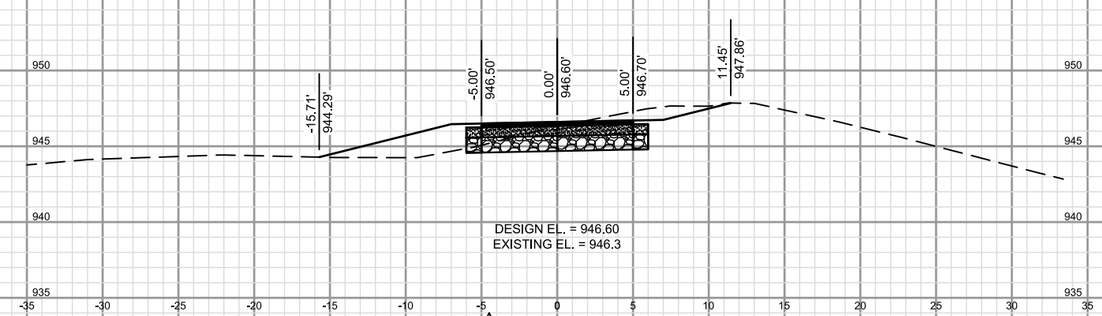

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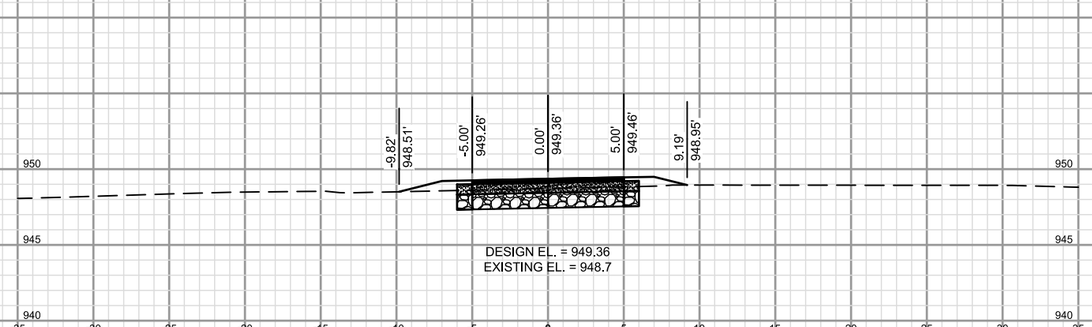

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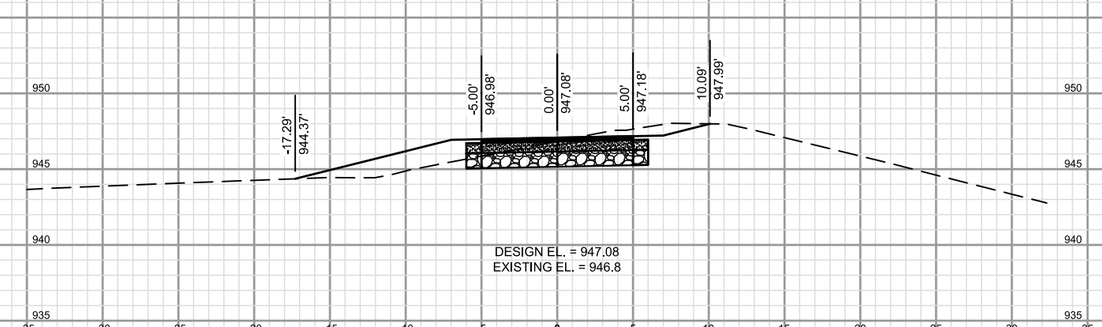

STA.= 16+00

PROJECT NO.: 07729032	SCALE: AS SHOWN	NO.	DATE	REVISION	BY
PROJECT DATE: 5/3/18	DRAWN BY: KNH	1	5/21/18	ADDENDUM #1	KNH
F.B.: .	CHECKED BY: KCL	.	.	.	.
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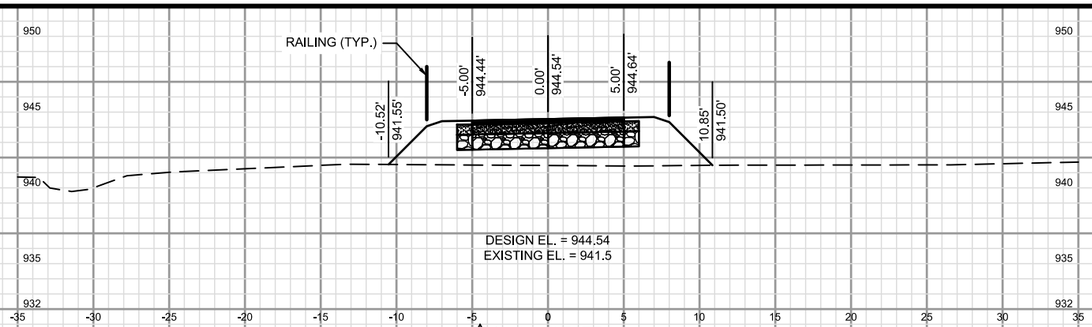
CROSS SECTION SHEET

FILE NO. 07729032
SHEET C-903

PLOT DATE: 5/21/18, P:\7700s\7720s\7729\07729032\CADD\Construction Drawings\07729032_XSections.dwg



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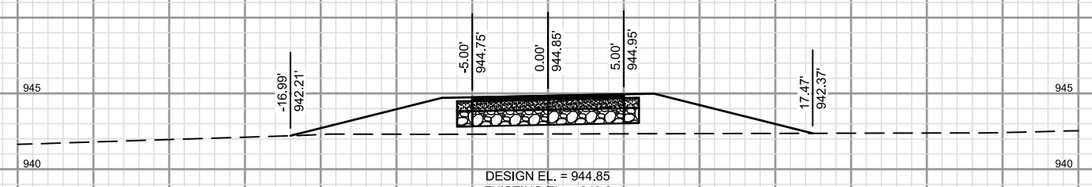

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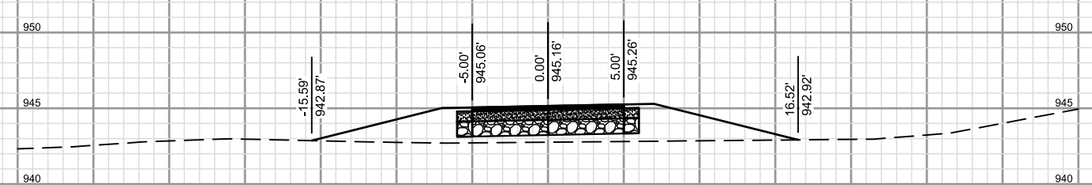

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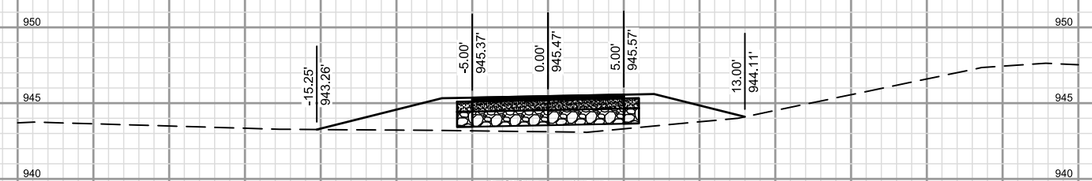

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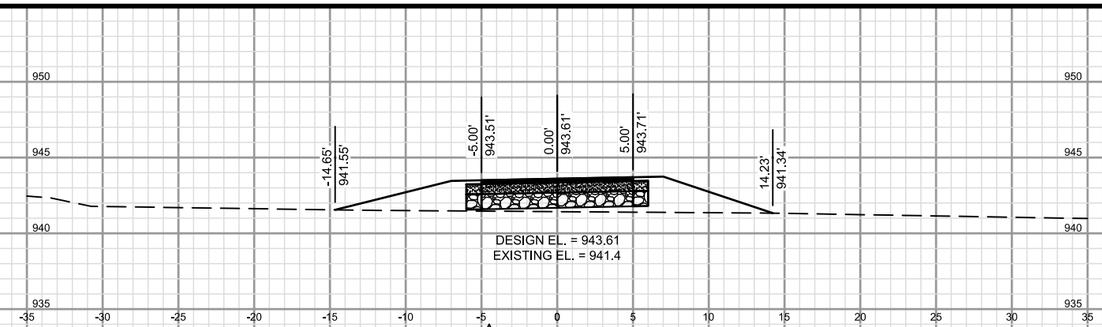

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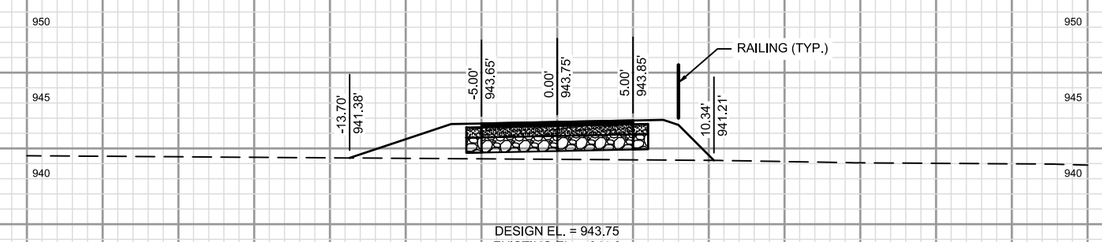

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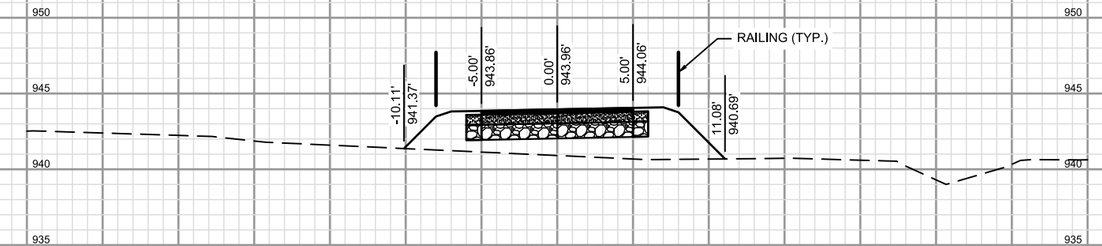

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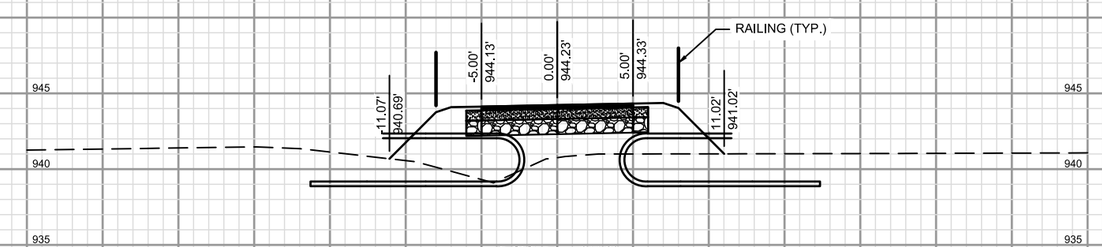

STA.= 18+00

PROJECT NO.: 07729032	SCALE: AS SHOWN	NO.	DATE	REVISION	BY
PROJECT DATE: 5/3/18	DRAWN BY: KNH	1	5/21/18	ADDENDUM #1	KNH
F.B.: .	CHECKED BY: KCL	.	.	.	.
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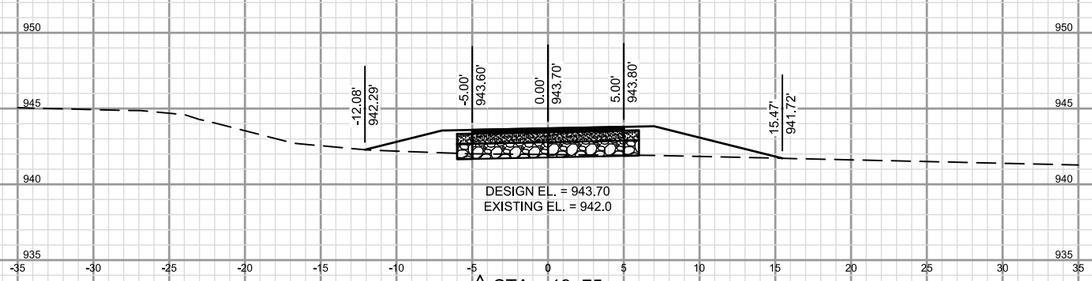
CROSS SECTION SHEET

FILE NO. 07729032

SHEET C-904

PLOT DATE: 5/22/18, P:\7700s\7720s\7729\07729032\CADD\Construction Drawings\07729032_XSections.dwg



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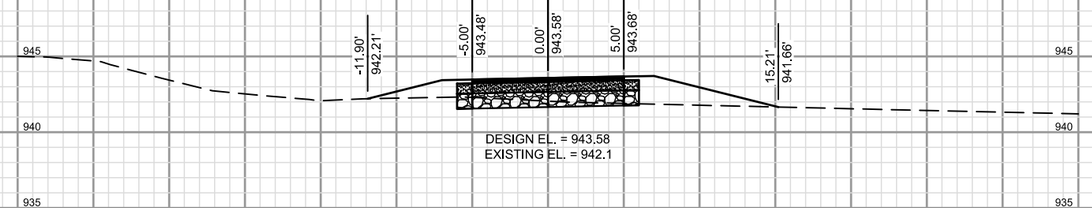

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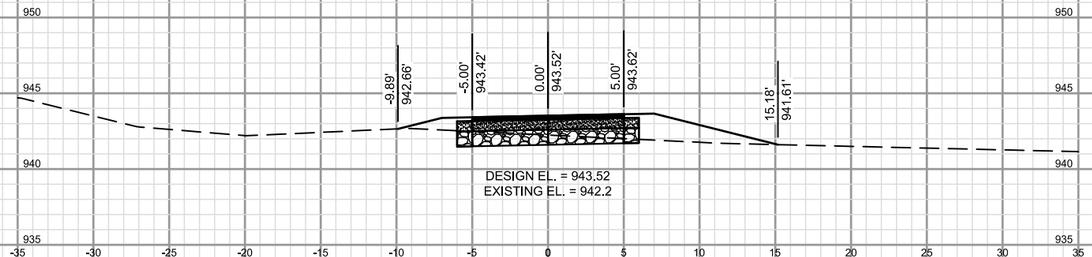
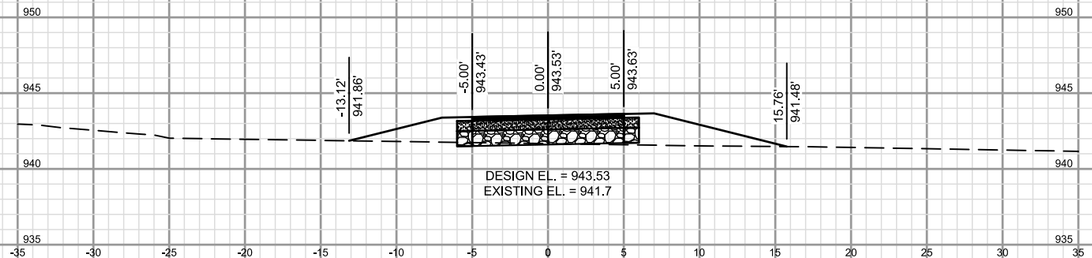


STA.= 19+25



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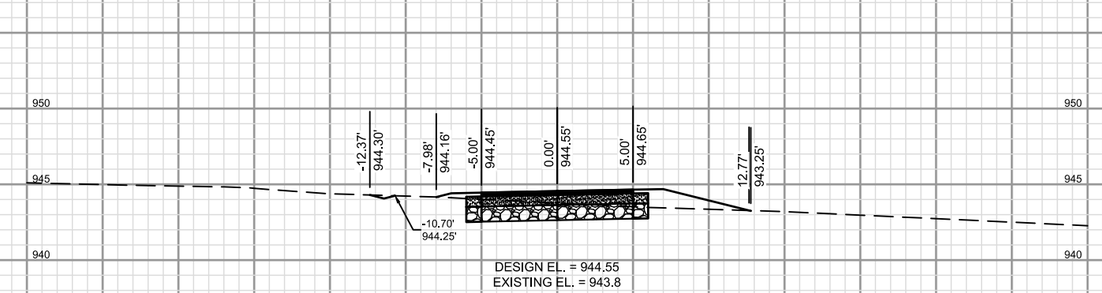

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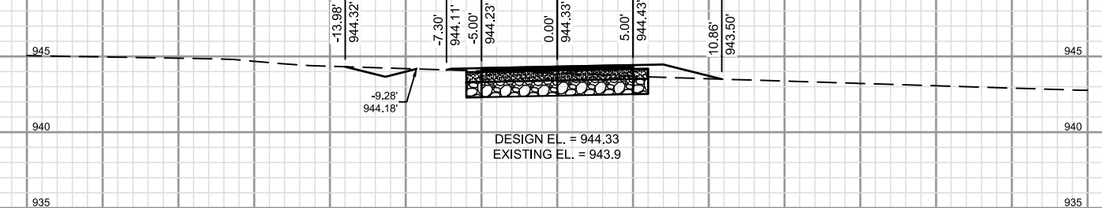

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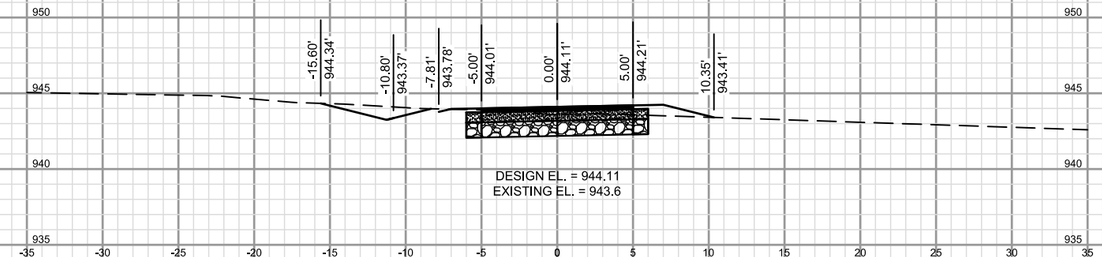

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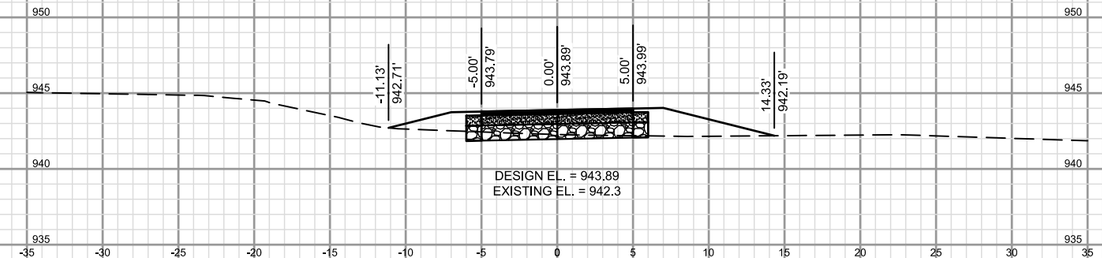

STA.= 20+00

PROJECT NO.: 07729032	SCALE: AS SHOWN	NO.	DATE	REVISION	BY
PROJECT DATE: 5/3/18	DRAWN BY: KNH	1	5/21/18	ADDENDUM #1	KNH
F.B.: .	CHECKED BY: KCL	.	.	.	.
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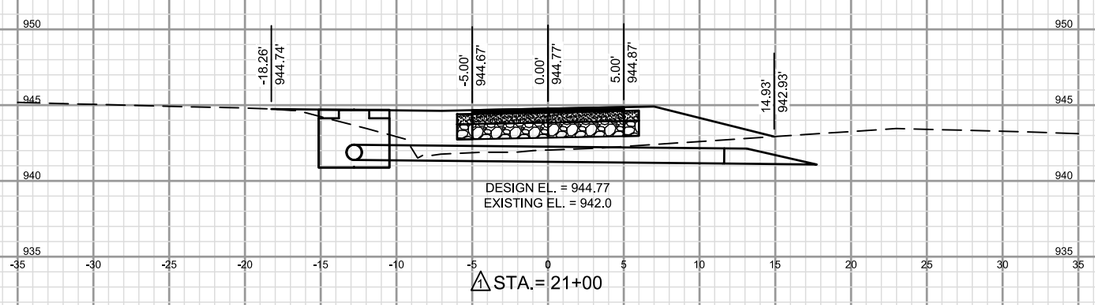
CROSS SECTION SHEET

FILE NO. 07729032
SHEET C-905

PLOT DATE: 5/21/18, P:\7700s\7720s\7729\07729032\CADD\Construction Drawings\07729032_XSections.dwg



PROJECT NO.: 07729032	SCALE: AS SHOWN	NO.	DATE	REVISION	BY
PROJECT DATE: 5/3/18	DRAWN BY: KNH	1	5/21/18	ADDENDUM #1	KNH
F.B.: .	CHECKED BY: KCL	.	.	.	.
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CROSS SECTION SHEET

FILE NO. 07729032
SHEET C-906

PLOT DATE: 5/21/18, P:\7700s\7720s\7729\07729032\CADD\Construction Drawings\07729032_XSections.dwg