COUNTY OF DALLAS, TEXAS
DEPARTMENT OF PLANNING AND DEVELOPMENT

AND THE
COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM
FY 2025 CITY OF SEAGOVILLE
OVERLAY OF EXISTING PAVEMENT
FOR
POST OAK PRESERVE TRAIL
BID NO. 2026-010-7095

INDEX OF SHEETS

STATE OF TEXAS
MOTASEM ALJAAFREH
141844
REGISTERED PROFESSIONAL ENGINEER

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MOTASEM ALJAAFREH NO. 141844

Motasem Aljaafreh, P.E., PMP
01/28/2026

COUNTY OFFICIALS

COUNTY JUDGE
CLAY JENKINS

COMMISSIONER DISTRICT #1
Dr. THERESA DANIEL

COMMISSIONER DISTRICT #2
ANDY SOMMERMAN

COMMISSIONER DISTRICT #3
JOHN WILEY PRICE

COMMISSIONER DISTRICT #4
Dr. ELBA GARCIA

LENGTH OF PROJECT
3076.00 L.F.
OR
0.58 MILES

THE COUNTY OF DALLAS STATE OF TEXAS

CONSTRUCTION TYPE
TRAIL PAVEMENT OVERLAY

1
14

APPROVALS

COUNTY OF DALLAS, TX

RECOMMENDED FOR APPROVAL DATED Jan. 28, 20 26

APPROVED Motasem Aljaafreh, P.E., PMP

ASSISTANT DIRECTOR OF PLANNING AND DEVELOPMENT

APPROVED

DIRECTOR OF PLANNING AND DEVELOPMENT

APPROVED Luis Tamayo

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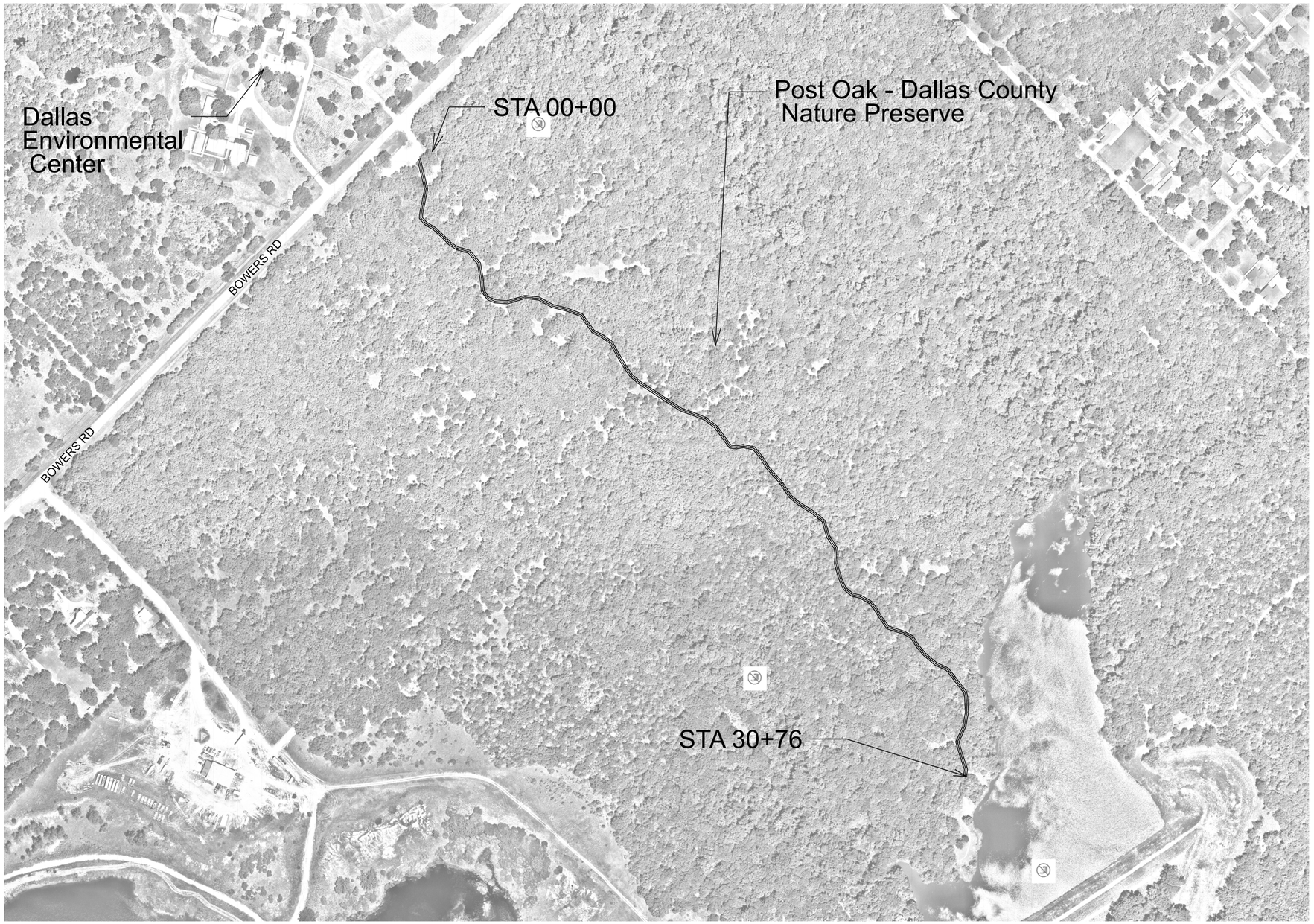

Motasem Aljaafreh, P.E., PMP

01/28/2026

STATE OF TEXAS
MOTASEM ALJAAFREH
141844
REGISTERED
PROFESSIONAL ENGINEER

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FEET

NO.	REVISION	BY	DATE

COUNTY OF DALLAS, TEXAS

DEPARTMENT OF PLANNING AND DEVELOPMENT

OVERLAY OF EXISTING PAVEMENT STA. 0+00 TO 30+76

CDBG SAEGOVILLE OVERLAY OF EXISTING PAVEMENT
POST OAK PRESERVE TRAIL

CDBG PROG. NO. xxxx

DESIGNED-	DRAWN-	DATE-	FILE-
APPROVED-	CHECKED-	SCALE-	SHEET-

GENERAL NOTES AND BID ITEM NOTES

1. Working hours are Monday through Friday from 7 a.m. to 6 p.m.. Work is not allowed on Saturdays, Sundays, or Holidays without written permission from the Dallas County Planning & Development Project Manager.
2. Two way traffic shall be required at all times on Bowers Rd.; contractor to provide a flagman as needed.
3. Single lane closures may only occur Monday through Friday from 9 a.m. to 4 p.m. Bowers Rd.
4. No street closings without written permission of the Dallas County Planning & Development Project Manager.
5. Contractor shall notify all franchise utilities (i.e. electric, telephone, gas, cable TV, etc.) at 1- 800-DIG-TESS and the City of Seagoville for water and waste water facilities at tel: XXX- XXX- XXX 72-hrs. prior to any construction.
6. Contractor shall notify Dallas County Construction Inspector a minimum of 48-hours prior to commencing construction.
7. Contractor shall notify all property owners 24-hours in advance of any construction near their property.
8. Contractor shall remove all excess material at the end of each workday.
9. It is the Contractor's responsibility to keep all drainage facilities open at all times (i.e. ditches, inlets, etc.).
10. No storage of materials on private property without written permission of the property owner; if written permission is obtained, the Contractor shall restore the private property to original or better condition; two (2) copies of each written permission shall be delivered to the Dallas County Planning and Development Project Manager.
11. Contractor shall obtain a temporary construction water meter with a backflow preventer from the City of Seagoville if needed; water consumption, deposit and repair costs, etc., shall be subsidiary to the construction of the project.
12. Weekly construction meetings with the Dallas County Team to be held at the job site.
13. 2024 Edition of the Texas Department of Transportation (TxDOT) Standard Specifications for Construction of Highways, Streets, and Bridges shall apply.
14. The Contractor shall maintain two-way traffic at all times on Bowers Road. Flaggers shall be provided as necessary to safely direct traffic. No separate payment will be made for this work; all costs shall be considered incidental to the contract.
15. Proper construction signage and barricading per the latest edition of the Texas Manual on Uniform Traffic Control Devices (TMUTCD) is required.
16. The Project Construction Sign, one (1), shall be subsidiary to the costs of 100 - Preparing Right Of Way.
17. Contractor shall submit a Construction Schedule with itemized tasks, subtasks, etc., for approval via email to Dallas County Project Manager on or before the date of the Pre- Construction Conference; this Construction Schedule shall be updated weekly and reviewed at the Weekly Construction Meetings.
18. Contractor shall submit Batch Designs for all asphalt, concrete, cement treated base, etc., materials for approval via email to Dallas County Project Manager a minimum of 72-hrs. prior to commencing construction.
19. In the adoption of the Texas Department of Transportation (TxDOT), Specifications, it is understood that any reference to the Texas Department of Transportation, (TxDOT), shall be interpreted to include the County of Dallas as applicable; any conflict between the General Provisions of the NCTCOG Specifications, the TxDOT Specifications and/or the County of Dallas Specifications, as contained herein, shall be decided by the Engineer. The general order of precedence shall be followed:

    a. County of Dallas General Provisions
    b. City of Dallas Standard Construction Details (251-D)
    c. TxDOT General Provisions and Specifications
    d. NCTCOG General Provisions and Specifications

20. The Contractor shall provide for continuous supervision of construction and a Superintendent, or his representative, shall be on the project site at all times during working hours. The Superintendent shall, at all times, have in his immediate possession a complete set of current Contract Documents including the Plans and Specifications. The Superintendent shall be fully authorized to act on behalf of the Contractor in all matters pertaining to the Work.
21. Contractor shall comply with OSHA Regulations and State of Texas Laws concerning excavation, trenching and shoring.
22. The Contractor shall haul away all waste material such as rubbish, pavement, concrete pipe, unacceptable soil, etc., to an approved offsite landfill. This shall be subsidiary to the various pay items of the contract.
23. Item 100, Preparing Right of Way shall be full compensation for removing and properly disposing of all obstructions, rubbish, and debris, including trees, stumps, bushes, shrubs, vegetation, roots, etc., within the Right of Way and within all easements as shown on the plans. Shall also include preparing the existing pavement by pressure washing it to ensure it is suitable for use as the base for the proposed 4-inch concrete layer.
24. Item 110, Unclassified Roadway Excavation shall be full compensation for the removal of required street excavation, including existing concrete curb and gutter, driveways, sidewalks, aprons, etc., existing asphalt pavement, driveways, etc., existing gravel driveways, and properly disposing of same, within the Right of Way and within all easements as shown on the plans.
25. The Contractor shall strip and stockpile the existing topsoil from Unclassified Roadway Excavation for use in final dressing of the parkway areas. If sufficient topsoil is not available from Unclassified Roadway Excavation, the Contractor shall furnish suitable, friable, material to properly dress the parkway areas per Item 160 - Topsoil.
26. Item 104A Remove Concrete – Landscape Entrance Wall, Complete, shall consist of the removal of an existing trail. The existing trail head is to be completely removed and properly disposed of.
27. Testing of materials required for the construction of the paving improvements shall be performed by an agency, approved by the County and City, for testing materials. Procurement of the testing laboratory and the payment of such testing services shall be made by the County, any re-test and related payments shall be made by the Contractor, in accordance with the special requirements. It shall be the Contractor's responsibility to ensure, by the standard testing procedures, that the work constructed meets the requirements of the County and City and project specifications.
28. Fifth Edition, 2023, of the North Central Texas Council of Governments (NCTCOG) Standard Specifications for Public Works Construction shall apply for water and waste water systems work.
29. City of Seagoville Water and Waste Water Utilities drawings, details, standard appurtenances, and specifications for water & waste water system construction methods shall apply for all water and waste water main, fire hydrant, valve, water service, and related appurtenances construction unless noted otherwise.
30. Keep the work site clean and safe. Safety equipment is very important.

31. Preliminary / Final Walk-Throughs are for Substantial / Final Completions, respectively.
32. Construction Staking is the responsibility of the contractor. No separate payment will be made for this work; all costs shall be considered incidental to the contract
33. Tree Protection is required per the construction inspector directions.
34. Material storage, equipment cleaning/liquid disposal, tree attachments of signs is prohibited
35. The concrete trail shall be 3,500 psi 4" thick concrete 10 foot wide with #3 Rebar 18" on center maximum each way placed over existing asphalt milled base (Some areas may be over placement of the Flexible Base bid item in areas where the existing asphalt milled base is non-existent or lacking. Flexible Base, as needed, shall be placed 12 foot wide 4" thick over 6" thick prepared subgrade. Prepared subgrade, as needed, shall be 12 foot by 6" thick scarified, watered and compacted to 95% maximum density.
36. Maximum spacing for expansion joints is 100 feet consisting of 24" smooth dowels 24" on center maximum with tight fitting caps and half the bar(s) greased on the capped side of each dowel. The use of dowel baskets is required. Maximum spacing for control joints is 10 feet.

STATE OF TEXAS
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Motasem Alyaafreh, P.E., PMP

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COUNTY OF DALLAS, TEXAS

DEPARTMENT OF PLANNING AND DEVELOPMENT

OVERLAY OF EXISTING PAVEMENT STA. 0+00 TO 30+76

CDBG SAEGOVILLE OVERLAY OF EXISTING PAVEMENT
POST OAK PRESERVE TRAIL

CDBG PROG. NO. xxxx

DESIGNED	DRAWN	DATE	FILE
APPROVED	CHECKED	SCALE	SHEET

ITEM	ITEM DESCRIPTION	UNIT	QUANTITY
100	Preparing Right Of Way	STA.	30.76
104A	Removing Concrete	SY	5
110	Unclassified Roadway Excavation	CY	50
160	Topsoil	SY	100
247	Flexible Base (2.1.2.4. Type D Crushed Concrete)(4” Thick)(12’ Wide)	CY	20
500	Mobilization	LS	1
502	Barricades, Signs, and Traffic Handling (including Project Sign)	LS	1
531	Sidewalks - 4” thick concrete at 10’ wide	SY	3417
752	Tree and Brush Removal	EA	20
764	Pump Stations and Drainage System Cleaning	LF	30
1000 A	City of Seagoville- Construction Permit	LS	1

Motasem Aljaafreh, P.E., PMP

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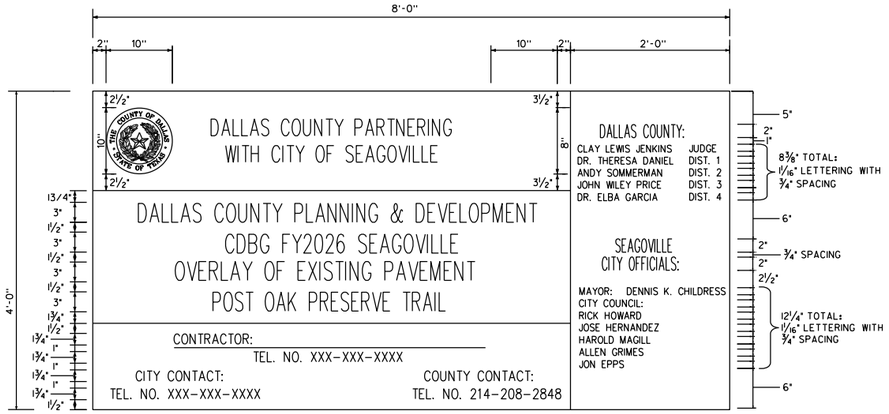
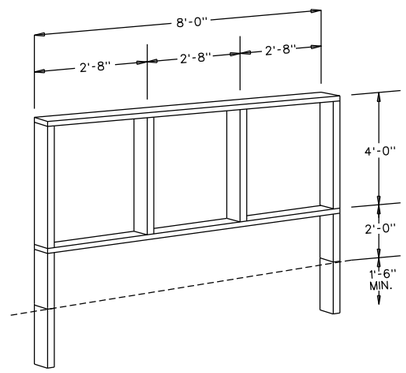


PROJECT SIGN DETAIL



SIGN FRAME DETAIL

N.T.S.

NOTES:

1. LETTERING - HELVETICA REGULAR 1 1/16", 1 1/2", 2", 2 1/2", 3" & 5" SIZES. USE PREMANUFACTURED VINYL, DARK BLUE.
2. USE BOLD LETTERING 1 1/16" HIGH AND SPACE APART FOR COUNCIL MEMBER NAMES AND DISTRICT NUMBERS. USE 2" LETTERING FOR THE TITLE "HUTCHINS CITY OFFICIALS" & "DALLAS COUNTY".
3. PHONE NUMBERS WILL BE FURNISHED FOR EACH PROJECT.
4. CONTACT CITY OF HUTCHINS FOR CITY LOGO DETAILS.
5. SIGN PANEL SHALL BE ½" LAMINATED DUOLOX MASONITE OR ½" MARINE PLYWOOD.
6. FRAME SHALL BE 2" x 4" STOCK.
7. POST SHALL BE 4" x 6" TREATED LUMBER.
8. PAINT SHALL BE:
   FRAME TO BE PAINTED "WHITE".
   PAINT BACKGROUND OF SIGN "WHITE",
   PAINT MESSAGE OF SIGN "BLUE",
   ALL PAINT TO BE "EXTERIOR TYPE".
9. 6" SIDE SHALL BE PARALLEL TO ROADWAY.
10. ONE (1) PROJECT SIGN IS REQUIRED.

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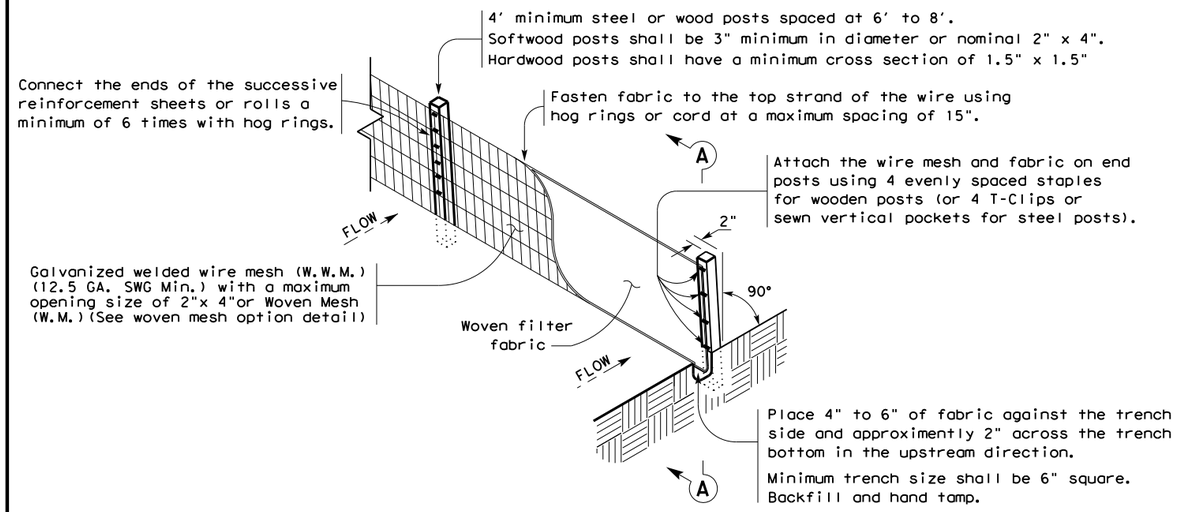
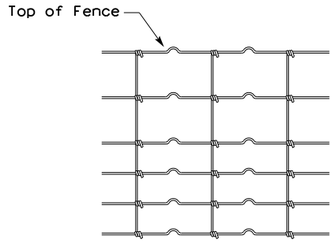
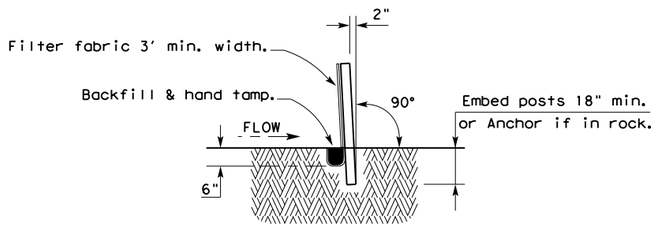


TEMPORARY SEDIMENT CONTROL FENCE

SCF





SECTION A-A

HINGE JOINT KNOT WOVEN MESH (OPTION) DETAIL

Galvanized hinge joint knot woven mesh (12.5 GA.SWG Min.) requires a minimum of five horizontal wires spaced at a maximum of 12 inches apart and all vertical wires spaced at a maximum of 12 inches apart.

SEDIMENT CONTROL FENCE USAGE GUIDELINES

A sediment control fence may be constructed near the downstream perimeter of a disturbed area along a contour to intercept sediment from overland runoff. A 2 year storm frequency may be used to calculate the flow rate to be filtered.

Sediment control fence should be sized to filter a maximum flow through rate of 100 GPM/FT^2. Sediment control fence is not recommended to control erosion from a drainage area larger than 2 acres.

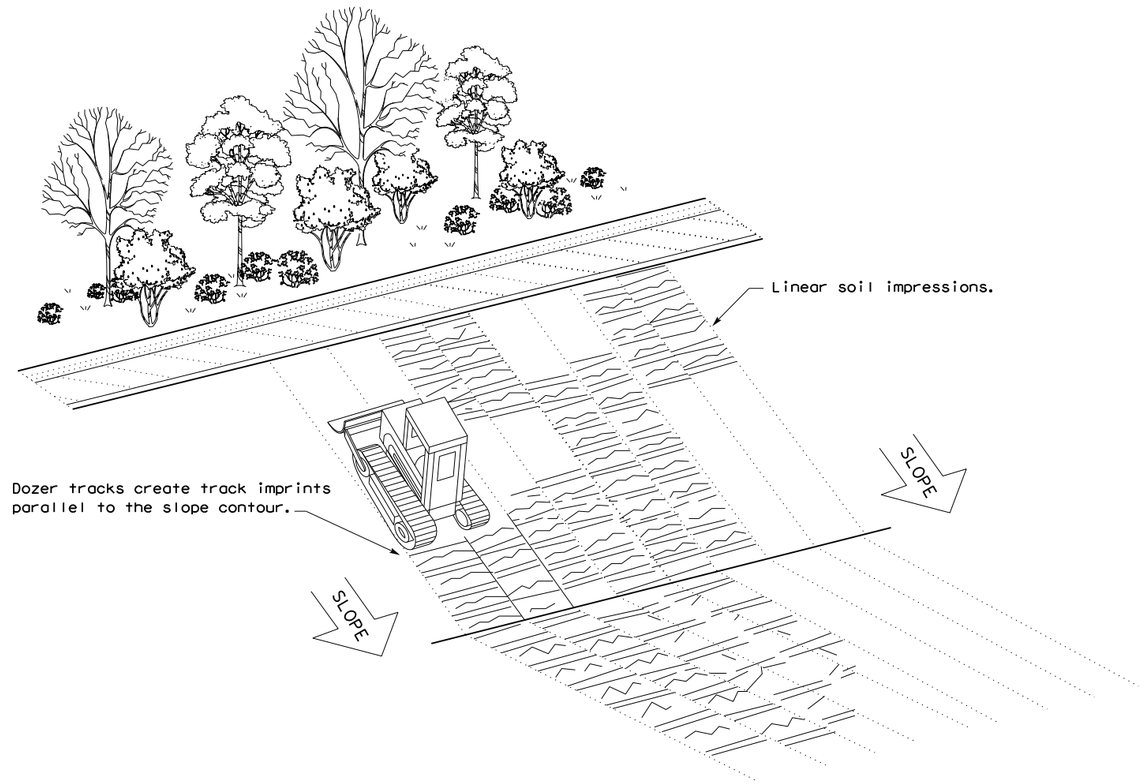
LEGEND

Sediment Control Fence

SCF

GENERAL NOTES

1. Vertical tracking is required on projects where soil distributing activities have occurred unless otherwise approved.
2. Perform vertical tracking on slopes to temporarily stabilize soil.
3. Provide equipment with a track undercarriage capable of producing linear soil impressions measuring a minimum of 12" in length by 2" to 4" in width by 1/2" to 2" in depth.
4. Do not exceed 12" between track impressions.
5. Install continous linear track impressions where the minimum 12" length impressions are perpendicular to the slope or direction of water flow.



VERTICAL TRACKING

Texas Department of Transportation

Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

FENCE & VERTICAL TRACKING

EC(1)-16

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FILE: ec116	DN: TxDOT	CK: KM	DW: VP	DN/CK: LS	
© TxDOT: JULY 2016	CONT	SECT	JOB	HIGHWAY	
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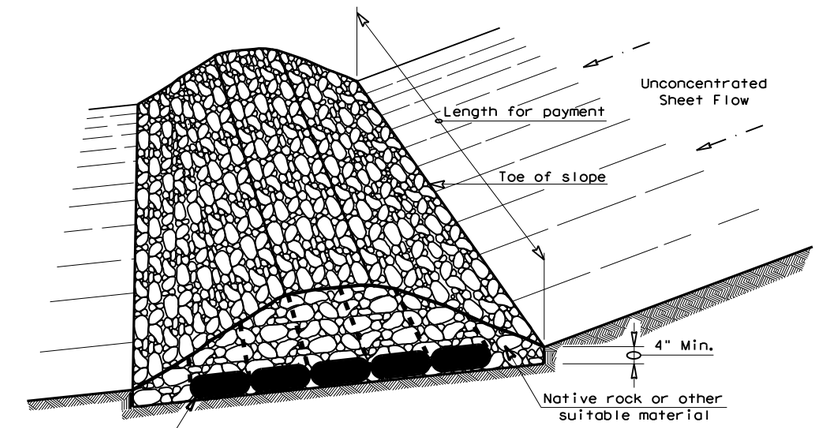
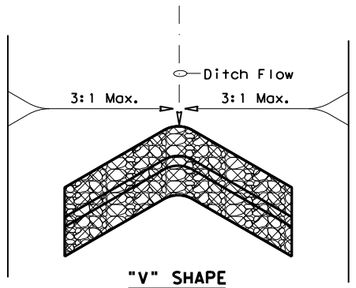
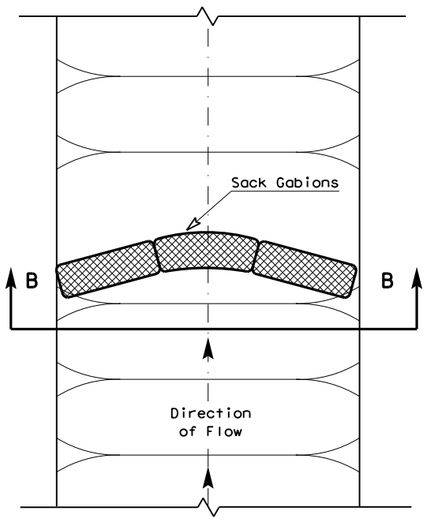


FILTER DAM AT TOE OF SLOPE

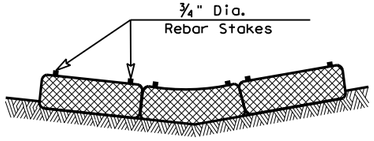
RFD1



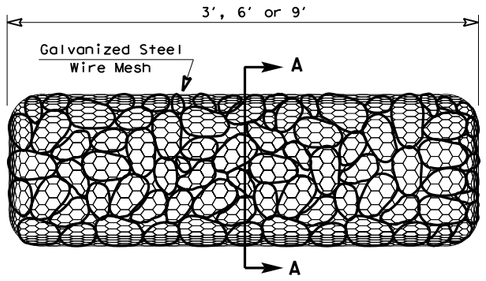
"V" SHAPE PLAN VIEW



PLAN VIEW

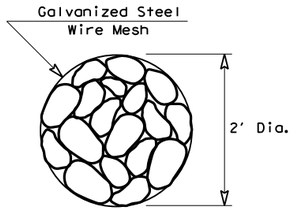


SECTION B-B

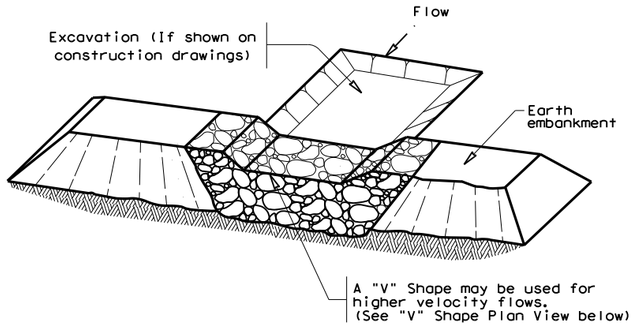


TYPE 4 (SACK GABIONS)

RFD4

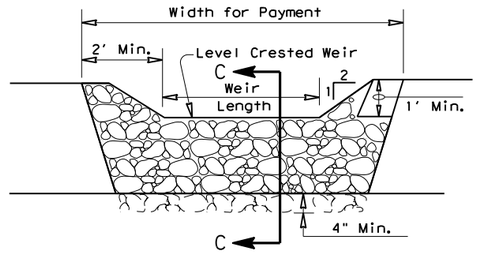


SECTION A-A

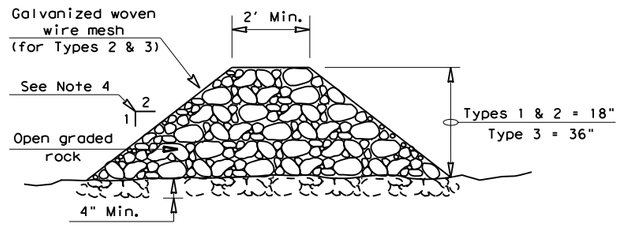


FILTER DAM AT SEDIMENT TRAP

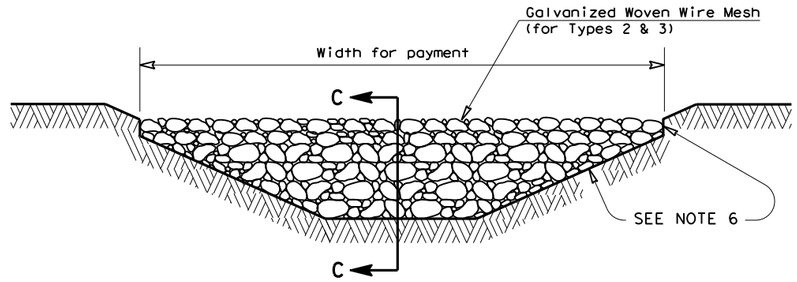
RFD1 — OR — RFD2



PROFILE



SECTION C-C



FILTER DAM AT CHANNEL SECTIONS

RFD1 — OR — RFD2 — OR — RFD3

ROCK FILTER DAM USAGE GUIDELINES

Rock Filter Dams should be constructed downstream from disturbed areas to intercept sediment from overland runoff and/or concentrated flow. The dams should be sized to filter a maximum flow through rate of 60 GPM/FT^2 of cross sectional area. A 2 year storm frequency may be used to calculate the flow rate.

Type 1 (18" high with no wire mesh) (3" to 6" aggregate): Type 1 may be used at the toe of slopes, around inlets, in small ditches, and at dike or swale outlets. This type of dam is recommended to control erosion from a drainage area of 5 acres or less. Type 1 may not be used in concentrated high velocity flows (approximently 8 Ft/Sec or more) in which aggregate wash out may occur. Sandbags may be used at the embedded foundation (4" deep min.) for better filtering efficiency of low flows if called for on the plans or directed by the Engineer.

Type 2 (18" high with wire mesh) (3" to 6" aggregate): Type 2 may be used in ditches and at dike or swale outlets.

Type 3 (36" high with wire mesh) (4" to 8" aggregate): Type 3 may be used in stream flow and should be secured to the stream bed.

Type 4 (Sack gabions) (3" to 6" aggregate): Type 4 May be used in ditches and smaller channels to form an erosion control dam.

Type 5: Provide rock filter dams as shown on plans.

GENERAL NOTES

1. If shown on the plans or directed by the Engineer, filter dams should be placed near the toe of slopes where erosion is anticipated, upstream and/or downstream at drainage structures, and in roadway ditches and channels to collect sediment.
2. Materials (aggregate, wire mesh, sandbags, etc.) shall be as indicated by the specification for "Rock Filter Dams for Erosion and Sedimentation Control".
3. The rock filter dam dimensions shall be as indicated on the SW3P plans.
4. Side slopes should be 2:1 or flatter. Dams within the safety zone shall have sideslopes of 6:1 or flatter.
5. Maintain a minimum of 1' between top of rock filter dam weir and top of embankment for filter dams at sediment traps.
6. Filter dams should be embedded a minimum of 4" into existing ground.
7. The sediment trap for ponding of sediment laden runoff shall be of the dimensions shown on the plans.
8. Rock filter dam types 2 & 3 shall be secured with 20 gauge galvanized woven wire mesh with 1" diameter hexagonal openings. The aggregate shall be placed on the mesh to the height & slopes specified. The mesh shall be folded at the upstream side over the aggregate and tightly secured to itself on the downstream side using wire ties or hog rings. For in stream use, the mesh should be secured or staked to the stream bed prior to aggregate placement.
9. Sack Gabions should be staked down with ¾" dia. rebar stakes, and have a double-twisted hexagonal weave with a nominal mesh opening of 2 ½" x 3 ¼"
10. Flow outlet should be onto a stabilized area (vegetation, rock, etc.).
11. The guidelines shown hereon are suggestions only and may be modified by the Engineer.

PLAN SHEET LEGEND

Type 1 Rock Filter Dam	RFD1
Type 2 Rock Filter Dam	RFD2
Type 3 Rock Filter Dam	RFD3
Type 4 Rock Filter Dam	RFD4

Texas Department of Transportation

Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

ROCK FILTER DAMS

EC(2)-16

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FILE: ec216	DN: TxDOT	CK: KM	DW: VP	DN/CK: LS	
© TxDOT: JULY 2016	CONT	SECT	JOB	HIGHWAY	
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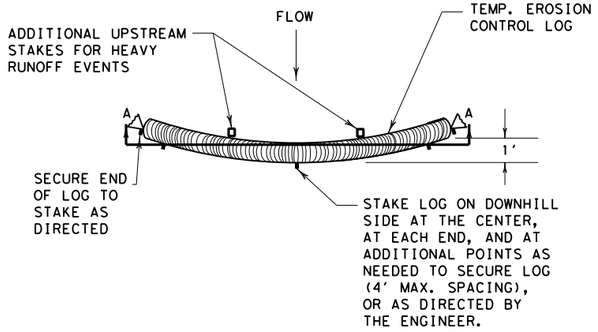
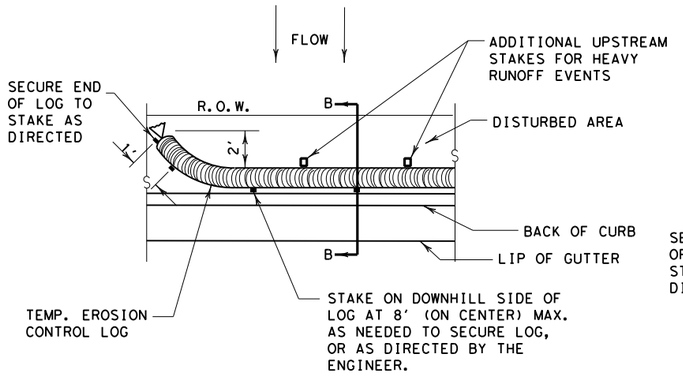


PLAN VIEW



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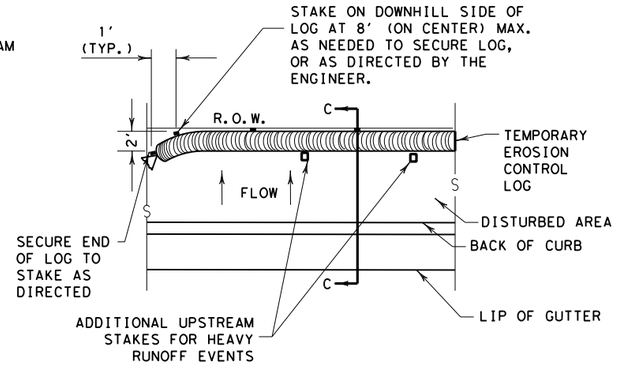

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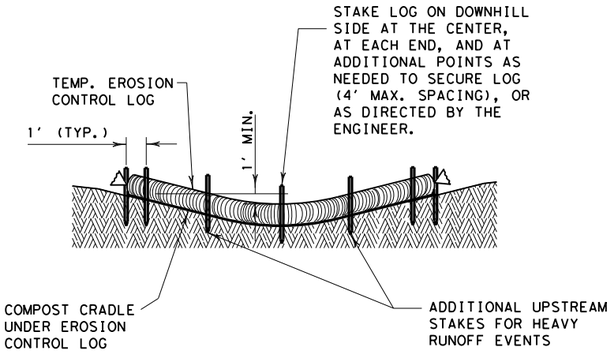

SECTION A-A

EROSION CONTROL LOG DAM

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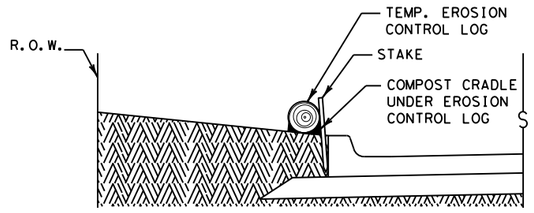
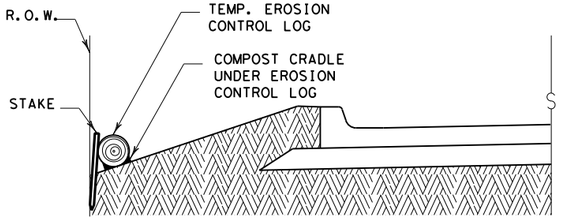


SECTION B-B

EROSION CONTROL LOG AT BACK OF CURB

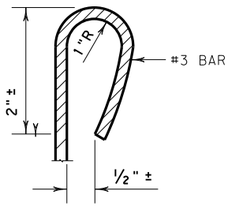
CL-BOC



SECTION C-C

EROSION CONTROL LOG AT EDGE OF RIGHT-OF-WAY

CL-ROW



REBAR STAKE DETAIL

LEGEND

- CL-D — EROSION CONTROL LOG DAM
- CL-BOC — EROSION CONTROL LOG AT BACK OF CURB
- CL-ROW — EROSION CONTROL LOG AT EDGE OF RIGHT-OF-WAY
- CL-SST — EROSION CONTROL LOGS ON SLOPES STAKE AND TRENCHING ANCHORING
- CL-SSL — EROSION CONTROL LOGS ON SLOPES STAKE AND LASHING ANCHORING
- CL-DI — EROSION CONTROL LOG AT DROP INLET
- CL-CI — EROSION CONTROL LOG AT CURB INLET
- CL-GI — EROSION CONTROL LOG AT CURB & GRATE INLET

GENERAL NOTES:

1. EROSION CONTROL LOGS SHALL BE INSTALLED IN ACCORDANCE WITH MANFACTURER'S RECOMMENDATIONS, OR AS DIRECTED BY THE ENGINEER.
2. LENGTHS OF EROSION CONTROL LOGS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AS REQUIRED FOR THE PURPOSE INTENDED.
3. UNLESS OTHERWISE DIRECTED, USE BIODEGRADABLE OR PHOTODEGRADABLE CONTAINMENT MESH ONLY WHERE LOG WILL REMAIN IN PLACE AS PART OF A VEGETATIVE SYSTEM. FOR TEMPORARY INSTALLATIONS, USE RECYCLABLE CONTAINMENT MESH.
4. FILL LOGS WITH SUFFICIENT FILTER MATERIAL TO ACHIEVE THE MINIMUM COMPACTED DIAMETER SPECIFIED IN THE PLANS WITHOUT EXCESSIVE DEFORMATION.
5. STAKES SHALL BE 2" X 2" WOOD OR #3 REBAR, 2'-4' LONG, EMBEDDED SUCH THAT 2" PROTRUDES ABOVE LOG, OR AS DIRECTED BY THE ENGINEER.
6. DO NOT PLACE STAKES THROUGH CONTAINMENT MESH.
7. COMPOST CRADLE MATERIAL IS INCIDENTAL & WILL NOT BE PAID FOR SEPARATELY.
8. SANDBAGS USED AS ANCHORS SHALL BE PLACED ON TOP OF LOGS & SHALL BE OF SUFFICIENT SIZE TO HOLD LOGS IN PLACE.
9. TURN THE ENDS OF EACH ROW OF LOGS UPSLOPE TO PREVENT RUNOFF FROM FLOWING AROUND THE LOG.
10. FOR HEAVY RUNOFF EVENTS, ADDITIONAL UPSTREAM STAKES MAY BE NECESSARY TO KEEP LOG FROM FOLDING IN ON ITSELF.

SEDIMENT BASIN & TRAP USAGE GUIDELINES

An erosion control log sediment trap may be used to filter sediment out of runoff draining from an unstabilized area.

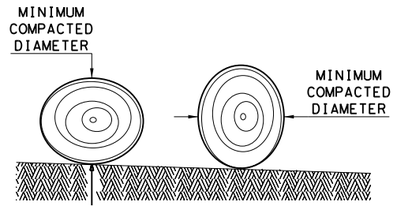
Log Traps: The drainage area for a sediment trap should not exceed 5 acres. The trap capacity should be 1800 CF/Acre (0.5" over the drainage area).

Control logs should be placed in the following locations:

1. Within drainage ditches spaced as needed or min. 500' on center
2. Immediately preceding ditch inlets or drain inlets
3. Just before the drainage enters a water course
4. Just before the drainage leaves the right of way
5. Just before the drainage leaves the construction limits where drainage flows away from the project.

The logs should be cleaned when the sediment has accumulated to a depth of 1/2 the log diameter.

Cleaning and removal of accumulated sediment deposits is incidental and will not be paid for separately.



DIAMETER MEASUREMENTS OF EROSION CONTROL LOGS SPECIFIED IN PLANS

8
14

SHEET 1 OF 3

Texas Department of Transportation

Design Division Standard

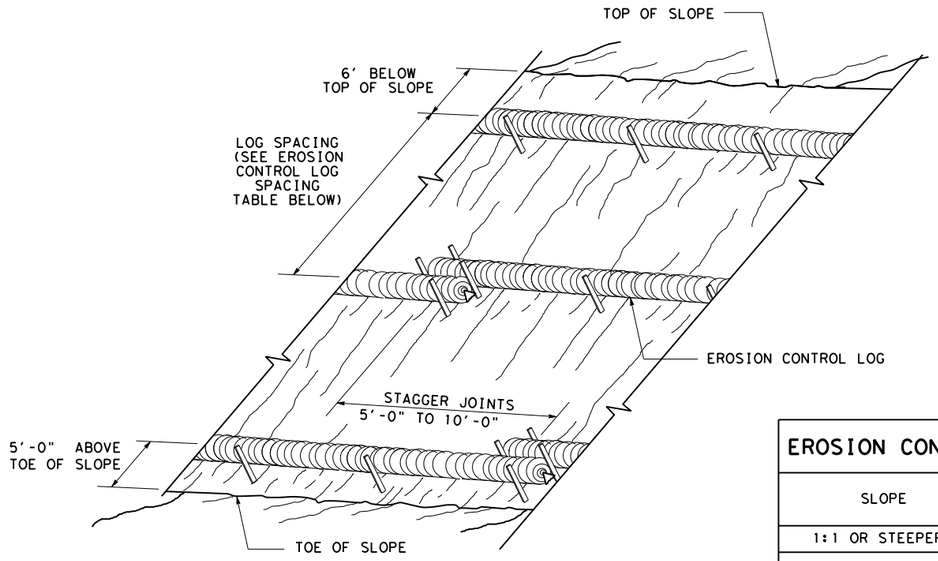
TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

EROSION CONTROL LOG

EC(9)-16

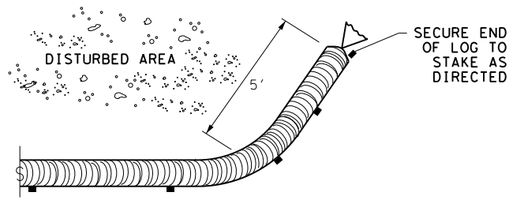
FILE: ec916	DN: TxDOT	CK: KM	DW: LS/PT	CK: LS	
© TxDOT: JULY 2016	CONT	SECT	JOB	HIGHWAY	
REVISIONS					
	DIST	COUNTY		SHEET NO.	

DATE:
FILE:



EROSION CONTROL LOGS ON SLOPES
STAKE AND TRENCHING ANCHORING

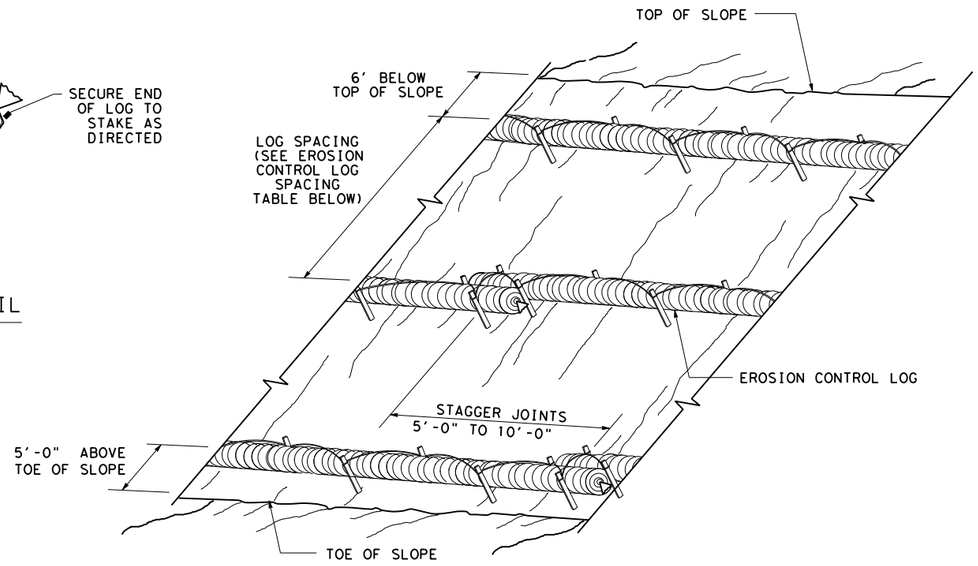
CL-SST



END SECTION RAP DETAIL

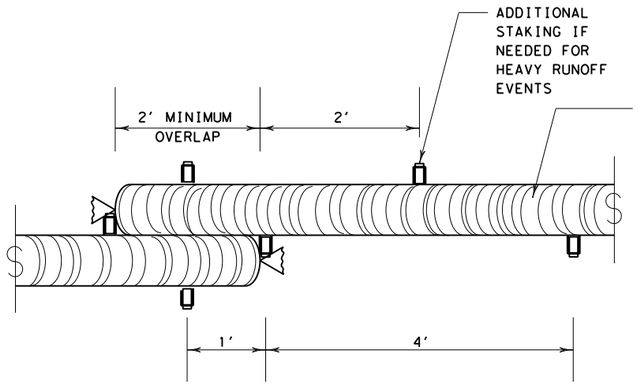
EROSION CONTROL LOG SPACING TABLE				
SLOPE	LOG DIAMETER			
	6"	8"	12"	18"
1:1 OR STEEPER	5'	10'	15'	20'
2:1	10'	20'	30'	40'
3:1	15'	30'	45'	60'
4:1 OR FLATTER	20'	40'	60'	80'

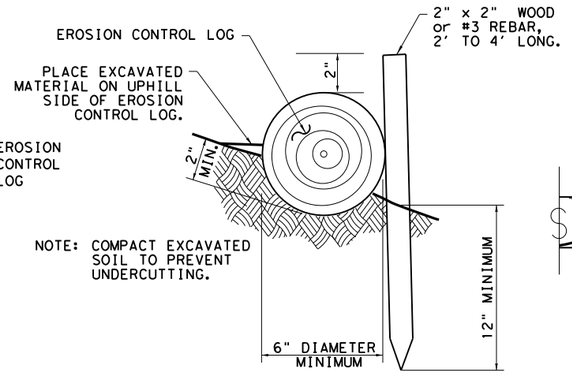
* ADJUSTMENTS CAN BE MADE FOR SOIL TYPE:
SOFT, LOAMY SOILS-ADJUST ROWS CLOSER TOGETHER;
HARD, ROCKY SOILS- ADJUST ROWS FARTHER APART



EROSION CONTROL LOGS ON SLOPES
STAKE AND LASHING ANCHORING

CL-SSL

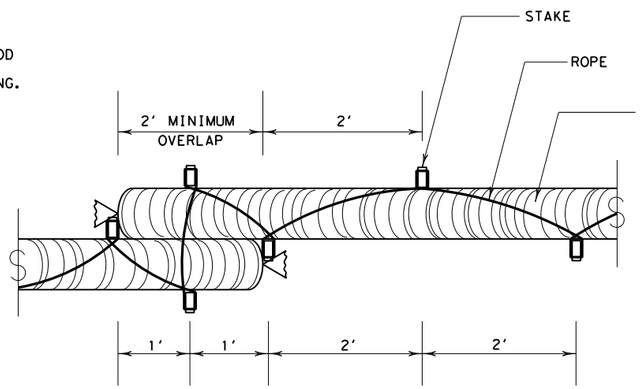


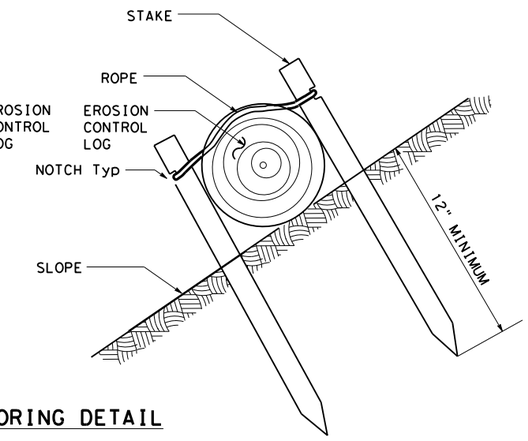


STAKE AND TRENCHING ANCHORING DETAIL

CL-SST

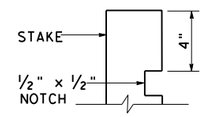
TRENCH DEPTH TABLE	
LOG DIAMETER	DEPTH
6"	2"
8"	3"
12"	4"
18"	5"





STAKE AND LASHING ANCHORING DETAIL

CL-SSL



STAKE NOTCH DETAIL

Texas Department of Transportation

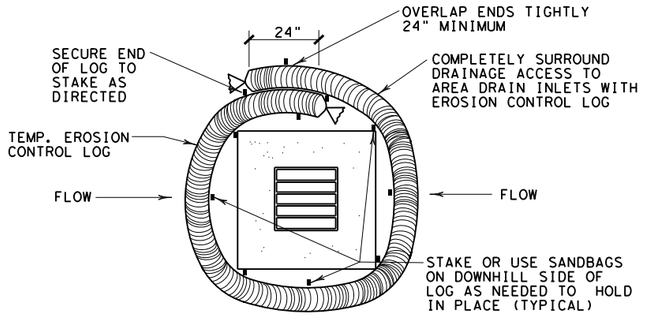
Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES
EROSION CONTROL LOG
EC(9)-16

9
14

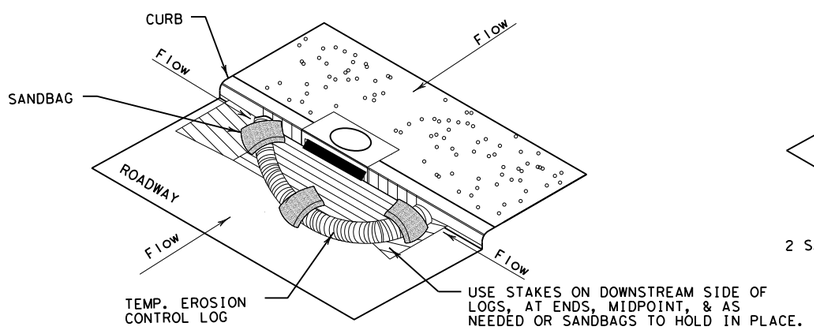
FILE: ec116	DN: TxDOT	CK: KM	DW: LS/PT	CK: LS
© TxDOT: JULY 2016	CONT	SECT	JOB	HIGHWAY
REVISIONS				
	DIST	COUNTY		SHEET NO.

DATE:
FILE:



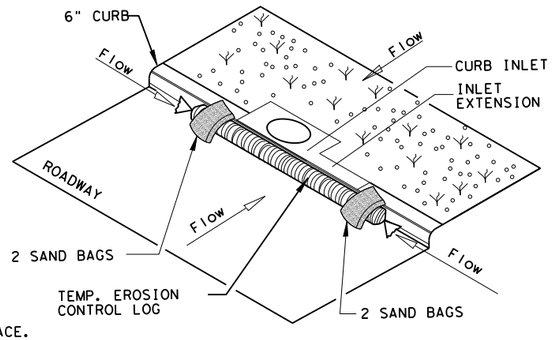
EROSION CONTROL LOG AT DROP INLET

CL-DI



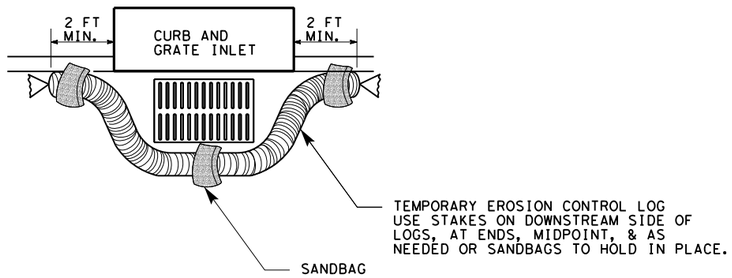
EROSION CONTROL LOG AT CURB INLET

CL-CI



EROSION CONTROL LOG AT CURB INLET

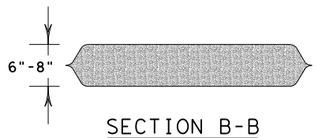
CL-CI



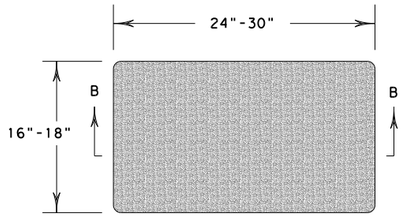
EROSION CONTROL LOG AT CURB & GRADE INLET

CL-GI

NOTE:
EROSION CONTROL LOGS USED AT CURB INLETS SHOULD ONLY BE USED IF THEY WILL NOT IMPEDE TRAFFIC OR FLOOD THE ROADWAY OR WHEN THE STORM SEWER SYSTEM IS NOT FULLY FUNCTIONAL.



SECTION B-B



SANDBAG DETAIL

SHEET 3 OF 3

10
14

Texas Department of Transportation

Design Division Standard

TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES

EROSION CONTROL LOG

EC(9)-16

FILE: ec916	DN: TxDOT	CK: KM	DW: LS/PT	CK: LS
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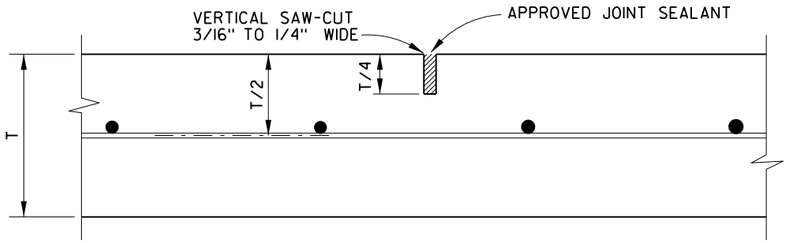
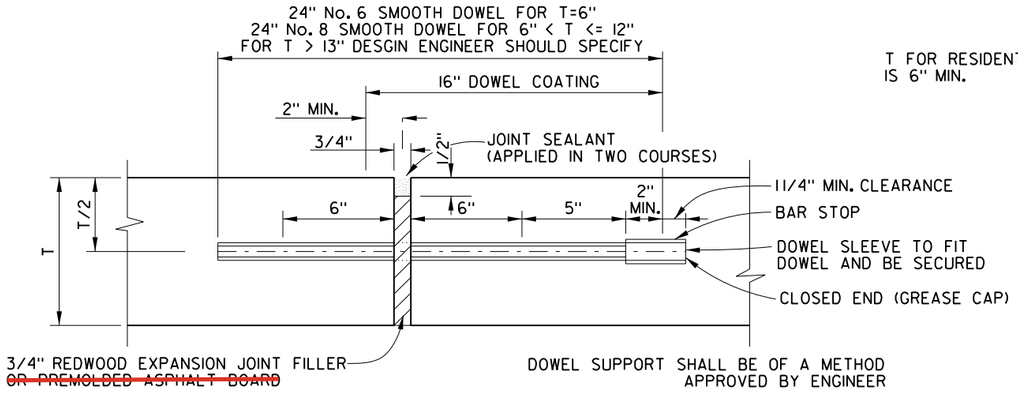


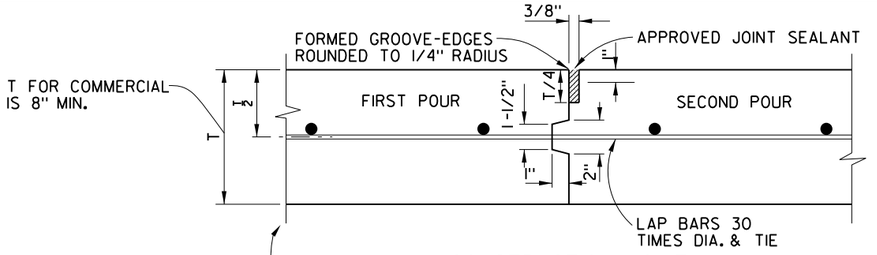
CONTROL JOINT

IDENTICAL FOR STREETS AND ALLEYS EXCEPT
ALLEY LONGITUDINAL REINFORCEMENT BARS



TRANSVERSE EXPANSION JOINT

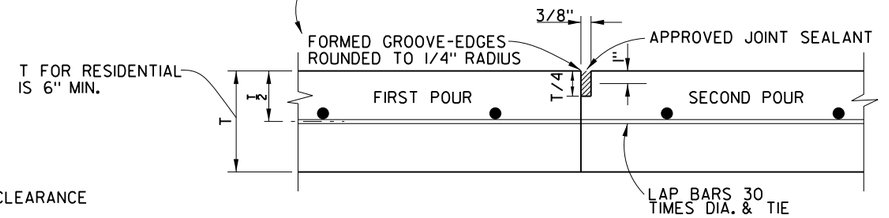
IDENTICAL FOR STREETS AND ALLEYS



CONSTRUCTION JOINT

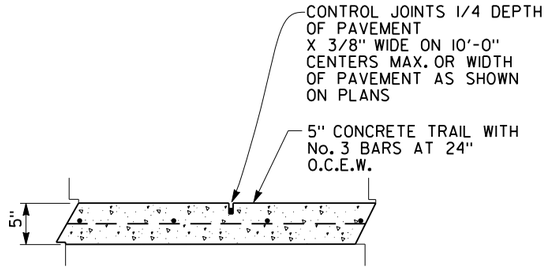
FOR 8" OR ABOVE THICKNESS PAVEMENT OR BASE

CHANGE BAR SPACING ACROSS JOINTS TO 12" CTRS.
FOR LONGITUDINAL JOINTS

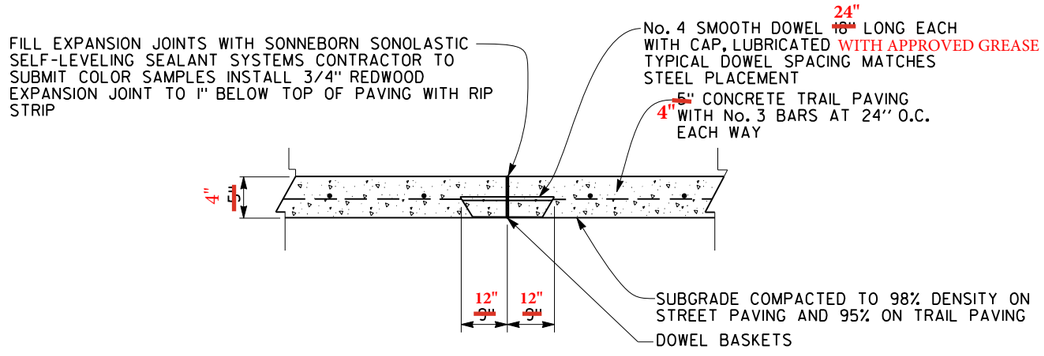


CONSTRUCTION JOINT

FOR 6" MINIMUM THICKNESS PAVEMENT OR BASE
IDENTICAL FOR STREETS AND ALLEYS EXCEPT
ALLEY LONGITUDINAL REINFORCEMENT BARS



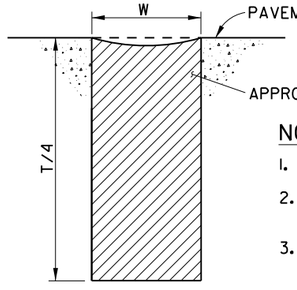
TRAIL CONTROL JOINT



TRAIL DOWELED EXPANSION JOINT

SPACING DIAGRAM FOR JOINTS:

- IDENTICAL FOR STREETS (CONCRETE PAVEMENT OR BASE) AND ALLEYS EXCEPT THAT EXPANSION JOINTS FOR ALLEYS SHALL BE PLACED AT THE END OF THE RETURN IN LINE WITH THE PROPERTY LINE.
- SPACING OF EXPANSION JOINTS SHALL NOT EXCEED 150 FEET AND MATCH WITH EXISTING.
- ALL EXPANSION JOINT DOWEL BARS SHALL BE HELD FIRMLY IN PLACE PARALLEL WITH THE PAVEMENT SURFACE WITH WIRE BASKETS MODIFIED TO MOLD AROUND THE REDWOOD EXPANSION BOARD.
- FOR ALL LONGITUDINAL CONSTRUCTION JOINTS PROVIDE TIE BARS AS FOLLOWS:
  No. 3 BARS ON 12" C-C FOR PAVEMENT THICKNESS < 9 IN.
  No. 4 BARS ON 12" C-C FOR PAVEMENT THICKNESS >= 9 IN.
  IF T>12" DESIGN ENGINEER MUST SPECIFY REBAR SIZE.
- ALL TIE BARS SHALL BE 24" MIN. LENGTH AND CENTERED ON THE LONGITUDINAL JOINT.



NOTES:

1. ALL JOINTS SHALL BE SEALED.
2. JOINTS SHOULD BE CLEAN AND DRY PRIOR TO PLACEMENT OF SEALANT.
3. JOINT SEAL - HOT POURED POLYMER SELECT (PER COG), ELASTOMERIC MATERIALS (PER COG), #164 HOT-APPLIED, HI-SPEC HOT-APPLIED POLYMERIC SEALANT OR EQUAL APPROVED SEALANT

Motasem Alyaafreh, P.E., PMP
01/28/2026

STATE OF TEXAS
MOTASEM ALYAAFREH
94184
LICENSED
PROFESSIONAL ENGINEER

PAVING DETAILS

PAVEMENT JOINT
DETAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF DALLAS, TEXAS

DRAWINGS NOT TO SCALE
REVISED: DECEMBER 2021

SHEET No.
1003A

GENERAL NOTES FOR ALL TYPES OF REINFORCED CONCRETE PAVEMENT OR BASE -- ARTERIAL, COLLECTOR AND LOCAL:

1. ALL SUBGRADE COMPACTION UNDER STREET PAVEMENT SHALL BE 98% STANDARD PROCTOR DENSITY AT -2% TO +4% OF OPTIMUM MOISTURE.
2. THE MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE AS INDICATED ON THE PLANS AND ON THE SPECIFICATIONS.
3. BARS SHALL CONFORM TO CITY OF DALLAS STANDARD SPECIFICATIONS AND BE GRADE 60 KSI DEFORMED REINFORCING BARS. SIZES AND SPACING SHALL BE AS INDICATED HEREIN EXCEPT SUCH ALTERNATES THAT MAY BE ALLOWED IN THE SPECIFICATIONS.
4. ALL CURB & GUTTER SHALL BE INTEGRAL WITH PAVEMENT OR BASE.
5. AS REFLECTED IN "TABLE OF CROWN HEIGHTS AND ORDINATES FOR VARIOUS PARABOLIC SECTIONS", TOTAL CROWN HEIGHTS FOR ASPHALT PAVEMENT AND CONCRETE BASE WITH ASPHALT SURFACE SHALL BE UNIFORMLY ONE INCH GREATER THAN THOSE INDICATED FOR CONCRETE SURFACES, WIDTH FOR WIDTH OF ROADWAY.
6. CROWNS FOR ALL DIVIDED ARTERIAL STREET TYPE SHALL BE STRAIGHT-LINE SLOPES.
7. CROWNS FOR ALL UNDIVIDED ARTERIAL, LOCAL OR COLLECTOR STREET TYPES MAY BE PARABOLIC OR STRAIGHT IN SECTION.
8. DETAIL AND ARRANGEMENT OF JOINTS, ALL TYPES, SHALL BE AS SHOWN ON SHEET No. 1003.
9. INTEGRAL CONCRETE CURB AND CURB & GUTTER SHALL BE OF THE SAME COMPRESSIVE STRENGTH AS THE PAVEMENT OR BASE.
10. SEPARATE CONCRETE CURB & GUTTER SHALL BE MINIMUM 4500 PSI BY HAND AND 4000 PSI WITH MACHINE.
11. SEPARATE CONCRETE CURB & GUTTER SHALL BE TOOLED 1 INCH DEEP WITH AN APPROVED TOOL IN 10 FOOT SECTIONS. EACH FOURTH JOINT SHALL BE A 3/4" REDWOOD EXPANSION JOINT THE FILLER SHALL BE OF 1/2 INCH PREMOLDED BITUMINOUS JOINT MATERIAL SHAPED SIMILAR TO THE CROSS SECTION OF CURB & GUTTER. THREE DOWELS SHALL BE EMPLOYED FOR EACH EXPANSION JOINT.
12. BAR LAPS SHALL BE 30 TIMES DIAMETER OF THE SIZE OF THE BAR.
13. FOR SUBGRADE STABILIZATION REFER TO NCTCOG, GEOTECHNICAL REPORT, OR ENGINEERING PLANS, WHICHEVER IS MORE CONSERVATIVE.
14. ALL BARS FOR CONCRETE STREET THICKNESSES <= 9" SHALL BE NO. 3 REINFORCING BARS SPACED 24" ON CENTERS EACH WAY. ALL BARS FOR CONCRETE STREET THICKNESS >= 9" SHALL BE NO. 4 REINFORCING BARS SPACED 24" ON CENTERS EACH WAY. FOR THICKNESS > 12" DESIGN ENGINEER MUST SPECIFY REBAR SIZE.
15. ALL CROWNS ARE TO BE PARABOLIC OR ROOFTOP IN SECTION AND SYMMETRICAL IN CENTERLINE OF PAVEMENT.

PAVING DETAILS

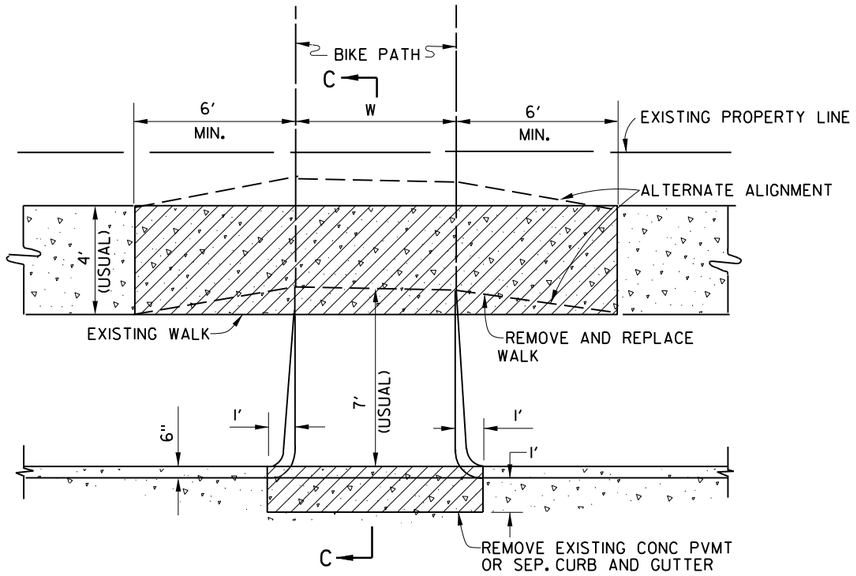
GENERAL NOTES

PAVING

DEPARTMENT OF PUBLIC WORKS
CITY OF DALLAS, TEXAS

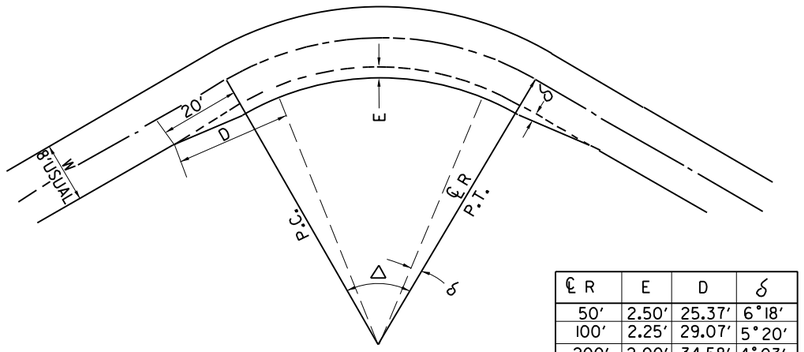
DRAWINGS NOT TO SCALE
REVISED: DECEMBER 2021

SHEET No.
1007A



BIKE PATH RAMP AT PAVED STREET

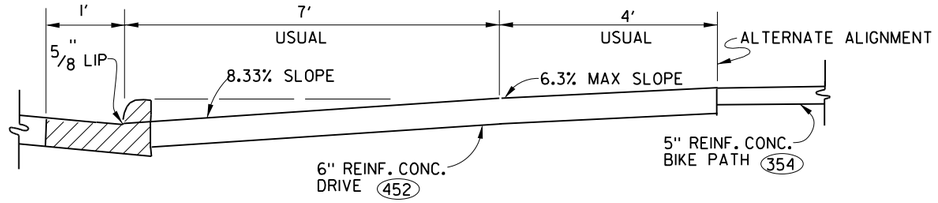
(NO WALK ABUTTING CURB)



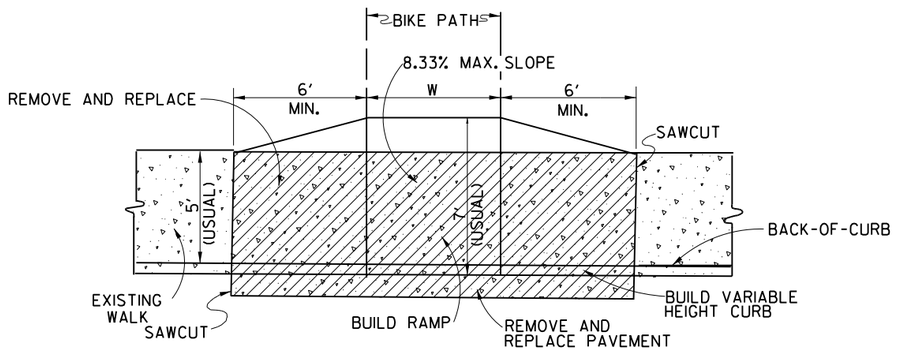
TRAIL WIDENING DETAIL

FOR Δ >10°
NO WIDENING NESESSARY
WHERE : Δ< 10°
R > 700'

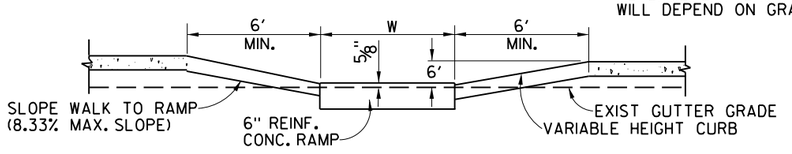
℄ R	E	D	δ
50'	2.50'	25.37'	6°18'
100'	2.25'	29.07'	5°20'
200'	2.00'	34.58'	4°03'
300'	1.75'	38.04'	3°27'
400'	150'	39.97'	2°52'
500'	125'	40.60'	2°22'
600'	1.00	39.99'	1°55'
700'	1.00'	42.42'	1°50'



SECTION C-C



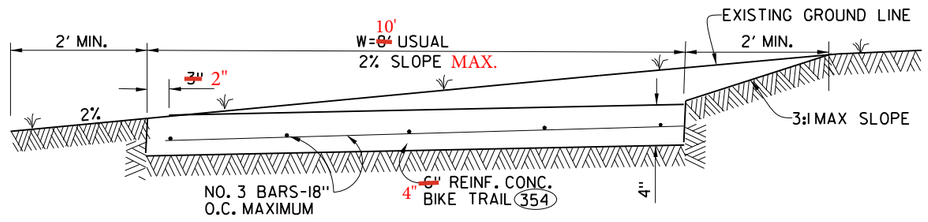
NOTE:
LENGTH OF WALK REMOVAL AND REPLACEMENT EACH SIDE OF RAMP WILL DEPEND ON GRADE OF STREET



SECTION AT BACK OF CURB

BIKE PATH RAMP AT PAVED STREET

(WALK ABUTTING CURB)



BICYCLE TRAIL TYPICAL CONCRETE SECTION

CONSTRUCTION PROCEDURES: ••

1. PREPARE LIME STABILIZED BASE ACCORDING TO NCTCOG
2. SHOOT PRIME COAT 0.10 GAL./S.Y. RC-70. ALLOW TO CURE.
- 3. APPLY 0.25 GAL./S.Y. AC-10 BINDER.
4. IMMEDIATELY SPREAD FABRIC AND BROOM OR ROLL INTO ASPHALT
- 5. LAY 2" LIFT OF ASPH. CONC. IN ONE APPLICATION IMMEDIATELY IF POSSIBLE. (SEE SPECIAL PROVISION)
6. QUANTITIES OF ASPHALT AND LIME MAY BE VARIED AS DIRECTED BY THE ENGINEER AT TIME OF CONSTRUCTION.

•CATONIC EMULSION CRS-2 MAY BE USED, BUT FABRIC CAN NOT BE LAID UNTIL EMULSION CURES. QUANTITY MUST BE ADJUSTED TO PROVIDE SUFFICIENT RESIDUAL ASPHALT TO SATURATE THE REINFORCING FABRIC.

••ASPHALT MAY VARY ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

Motasem Alajarmeh, P.E., PMP
01/28/2026

STATE OF TEXAS
MOTASEM ALAJARMEH
141844
REGISTERED
PROFESSIONAL ENGINEER

13
14

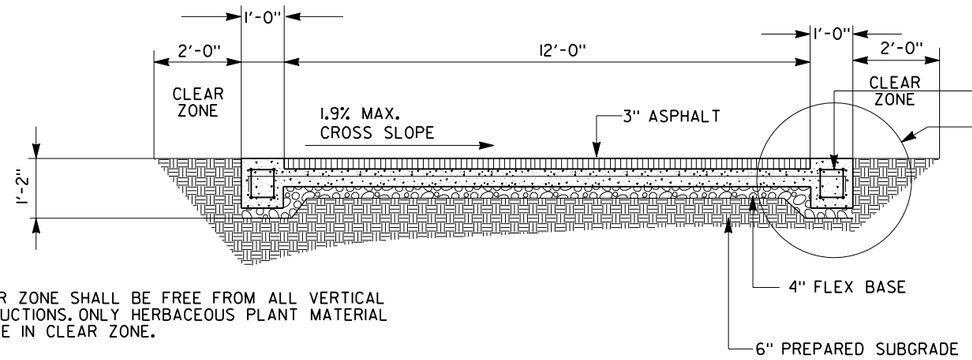
PAVING DETAILS

BICYCLE PATHS

DEPARTMENT OF PUBLIC WORKS
CITY OF DALLAS, TEXAS

DRAWINGS NOT TO SCALE
REVISED: DECEMBER 2021

SHEET No.
1013



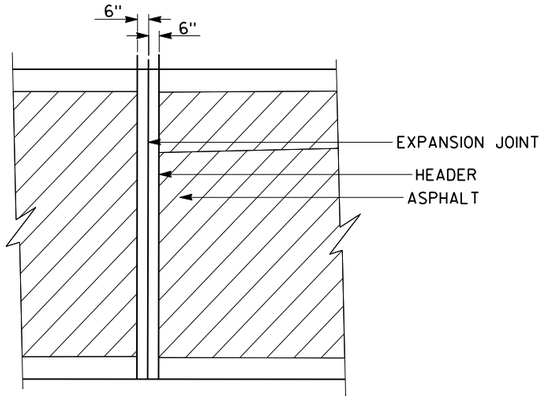
•CLEAR ZONE SHALL BE FREE FROM ALL VERTICAL OBSTRUCTIONS. ONLY HERBACEOUS PLANT MATERIAL MAY BE IN CLEAR ZONE.

NOTE:
1. TRAIL SHALL HAVE MAXIMUM ~~1.9%~~ 2% CROSS SLOPE AS SHOWN.
2. TRAIL SHALL HAVE A MINIMUM 10'-0" MINIMUM VERTICAL CLEARANCE ABOVE TRAIL PRUNE ALL OVERHANGING TREE LIMBS TO MAINTAIN 10'-0" CLEARANCE.
3. TRAIL PAVING SHALL HAVE A MAXIMUM 4.9% LONGITUDINAL SLOPE.
4. ALL REINFORCEMENT SHALL BE No. 3 REBAR AT ~~24"~~ 18" O.C. EACH WAY (TYPICAL)

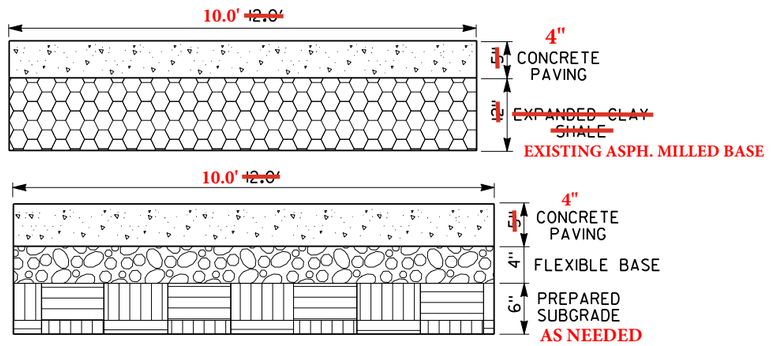
ASPHALT TRAIL SECTION WITH REINFORCED CONCRETE BASE

NOTES FOR CONCRETE PAVING:

1. CONTROL JOINT SHALL BE SPACED AT 14' CENTERS LONGITUDINALLY
2. EXPANSION JOINTS SHALL BE SPACED AT 56' CENTERS, IN LIEU OF EVERY FOURTH CONTROL JOINT.
3. FOR 10' WIDE TRAILS THE MAXIMUM SPACING FOR EXPANSION JOINT IS 100' CENTERS WITH CONTROL JOINTS EVERY 10' AND FOR 12' WIDE TRAILS THE MAXIMUM SPACING FOR EXPANSION JOINT IS 96' CENTERS WITH CONTROL JOINTS EVERY 12' OR AS SHOWN ON THE PLANS."

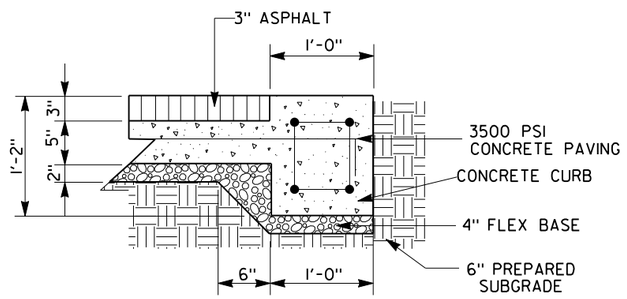


ASPHALT TRAIL SECTION



NOTE:
ALL REINFORCED SHALL BE No. 3 REBAR AT 24" O.C. EACH WAY (TYPICAL)

REINFORCED CONCRETE TRAIL SUBGRADE DETAILS



NOTE:
POWER WASH TRAIL PRIOR TO APPLYING STRIPING PAINT.

ASPHALT TRAIL SECTION WITH REINFORCED CONCRETE BASE DETAIL

Motasem Alfaqeh, P.E., PMP
01/28/2026

STATE OF TEXAS
MOTASEM ALJAAFREH
141844
LICENSED
PROFESSIONAL ENGINEER

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PAVING DETAILS

BICYCLE TRAILS

DEPARTMENT OF PUBLIC WORKS
CITY OF DALLAS, TEXAS

DRAWINGS NOT TO SCALE
REVISED: DECEMBER 2021

SHEET No.
1014