

Resolution No. 284

Stevensville-South Construction Agreement State Maintained Route

I. WHEREAS, the State proposes to construct and/or reconstruct a certain highway in and through the City, the construction being known as Federal Aid Project No. STPS 269-1(28)17, and

WHEREAS, the construction will be over and upon Secondary 269, and

WHEREAS, the State desires to receive Federal funds to construct the highway, and

WHEREAS, in accordance with the State's agreement with the Federal Highway Administration (FHWA) of the U. S. Department of Transportation, the State must ensure that certain requirements are met in order for the State to fulfill its obligations to the FHWA and for the project to be eligible for federal funds. Accordingly, the State includes federal requirements, which are among those hereinafter set forth, for this project, and the City agrees to them, and


WHEREAS, this document must be duly executed and on record with the State and FHWA before the work contemplated can be awarded to contract, and

WHEREAS, the City hereby concurs in the designation of the highway which was designated under Section 60-2-110, MCA, and

WHEREAS, the City desires to have the construction done, the City deeming it to be a valuable and beneficial consideration,

Now Therefore Be It Resolved, that Town Council accepts the Stevensville-South Construction Agreement State Maintained Route, attached to this Resolution as the full agreement between the parties for this project.

Passed and effective this 12TH day of APRIL, 2012.


Gene Mim Mack, Mayor, Town of Stevensville


Attest to: Denise Philley, Deputy Town Clerk

**STEVENSVILLE - SOUTH
CONSTRUCTION AGREEMENT**

THIS AGREEMENT is made and entered into by and between the State of Montana, acting by and through its Department of Transportation, hereinafter called the State, and the Town of **Stevensville**, a Montana **municipal corporation**, hereinafter called the Town.

WITNESSETH THAT:

THE PURPOSE OF THIS AGREEMENT IS TO SET FORTH THE RESPONSIBILITIES AND DUTIES OF THE STATE AND THE TOWN WITH RESPECT TO A FEDERAL AID HIGHWAY AND ADJACENT PEDESTRIAN FACILITIES PROJECT WITHIN THE TOWN OF STEVENSVILLE, MONTANA.

I. WHEREAS, the State proposes to construct and/or reconstruct a certain highway **AND ADJACENT PEDESTRIAN FACILITIES (SIDEWALKS)** in and through the Town, the construction being known as Federal Aid Project No. STPS 269-1(39)17, also known as **STEVENSVILLE SOUTH**, and

WHEREAS, the construction will be over and upon Route **Secondary 269** in the Town of **Stevensville**, beginning at approximately RP 17.2 and extending northerly approximately 2.9 miles to RP 20.1 (Intersection of **Secondary 269** and **Secondary 203**), and

WHEREAS, the State desires to receive Federal funds to construct the highway, and

WHEREAS, in accordance with the State's agreement with the Federal Highway Administration (FHWA) of the U. S. Department of Transportation, the State must ensure that certain requirements are met in order for the State to fulfill its obligations to the FHWA and for the project to be eligible for federal funds. Accordingly, the State includes federal requirements, which are among those hereinafter set forth, for this project, and the Town agrees to them, and

WHEREAS, this document must be duly executed and on record with the State and FHWA before the work contemplated can be awarded to contract, and

WHEREAS, the Town hereby concurs in the designation of the highway which was designated under Section 60-2-110, MCA, and

WHEREAS, the Town desires to have the construction done, the Town deeming it to be a valuable and beneficial consideration,

II. NOW, THEREFORE, THE PARTIES AGREE AS FOLLOWS:

AT STATE EXPENSE, THE STATE AGREES TO DESIGN THE PROJECT, LET IT TO CONTRACT AND ADMINISTER THE CONTRACT FOR CONSTRUCTION AND WILL PERFORM ALL THE REMAINING FUNCTIONS AND DUTIES AND RESPONSIBILITIES SET FORTH HEREIN IN EXCHANGE FOR WHICH THE TOWN AGREES THAT UPON COMPLETION OF THE PROJECT, DEEMING THE CONSTRUCTION A GOOD AND VALUABLE CONSIDERATION, IT WILL PERFORM ALL OF THE FUNCTIONS AND DUTIES AND RESPONSIBILITIES SET FORTH IN THIS AGREEMENT. THE DUTIES AND RESPONSIBILITIES OF EACH PARTY TO THIS AGREEMENT ARE LIMITED TO THE PROJECT AREA FROM RP 19.1 to RP 20.1.

(A) The Town agrees to conform in all regards to Chapter 8 of Title 61, MCA, and will not take any action, by enacting an ordinance or otherwise, in contradiction of the traffic laws in Chapter 8 of Title 61, MCA, with specific reference, but not limited to, the following matters:

(1) Installing any signs, signals, or markings not in conformance with the Standards approved by the FHWA pursuant to 23 USC §109(d).

(2) Establishing a speed limit less than twenty-five (25) miles per hour in any urban district on the highway.

(3) Establishing a speed limit of less than thirty-five (35) miles per hour outside an urban district on the highway. The Town will modify or alter such established speed limits on the highway after a traffic and engineering investigation is made at the request of the State.

(4) Erecting any markings, sign, signal or traffic control device that will give preference to local routes which intersect with the highway and no sign, signal or traffic control device will be erected or constructed, nor shall the establishment or modification of any speed zone, parking regulation or traffic marking which will affect traffic on the highway be made without express written permission of the State, and then only after proper traffic and engineering study indicates that such markings, sign, signal or traffic control device is required.

(5) Erecting any lighting on the highway without express written permission of the State, and then only after proper traffic and engineering study indicates that such lighting devices are required. The plans for such lighting installation shall be approved by the State before erection.

(6) Not requiring the stopping of all traffic at all intersecting streets, alleys and driveways before entering the highway. Where the Town considers that such traffic control creates a hazardous situation, it will request a traffic and engineering study by the State. The State, after the study, may authorize express written modifications in the traffic control devices as may be in the public interest from a safety and convenience standpoint.

(7) Prohibiting parallel parking on the highway; and

(8) Allowing stopping, standing or parking of a vehicle in a place prohibited by §61-8-354, MCA.

(9) For lighting projects inside of incorporated municipalities, the cost of operation and maintenance of the lighting shall be paid by the State; however, where an existing lighting district, which is paid for by a Town, town or special improvement district, is replaced or upgraded, the Town, town or special improvement district shall continue paying the amount of the previous payments toward the cost of operation and maintenance of the new or revised lighting system. If and when the cost of energy or maintenance is raised by the utility company, the Town, town or special improvement district shall pay their proportionate share of the rate increase.

(B) The State, after a traffic and engineering investigation of any speed zone, parking regulation or traffic control device, may require the Town to modify or remove such existing speed zone, parking regulation or traffic control device upon the highway.

(C) In addition to the specific signs, signals and traffic control devices which may be shown on the plans, further restrictions as to parking, stopping and speed limits are set forth in the attached drawing labeled "Exhibit A," that exhibit being part of this agreement.

(D) The State will retain the authority and responsibility for issuing approach and encroachment permits onto, upon or over right-of-way of the highway by anyone.

(E) Should the Town incorporate beyond the present Town limits, and such newly annexed area include portions of this Federal Aid Project not now within the Town limits, then this agreement, by reference herein, will also apply to the newly annexed area.

(F) The Town has reviewed and approved the plans.

(G) The Town will continue to enforce the ordinances, laws and/or regulations necessary and essential for the operation of the improvements as planned.

(H) All signs required to enforce Town ordinances shall be maintained by the Town.

(I) Sidewalk Maintenance.

(1) Upon completion of and in consideration for the project, and at no additional cost to the State, the Town agrees to assume full responsibility for and control of maintenance of the sidewalks bordering the project, except that the department is responsible for the maintenance of sidewalks and pedestrian/bike facilities on bridges, overpasses and related facilities. Specifically, the Town will maintain or cause to be

maintained the sidewalks adjacent to both sides of **Secondary 269** from **19.1** to **20.1**. The Town may, in its discretion, enforce state laws and its local ordinances, if any, to recover all costs associated with its sidewalk maintenance activities from persons or entities who own property adjacent to the sidewalks and/or who receive the benefit of the maintenance performed.

(a) For purposes of this agreement, "Maintenance " means: removal of and/or surface repair of any obstacles or impediment to the safe and efficient use of the sidewalk by pedestrians, including removal of snow and ice, repair of chipped, fractured, or broken walk or curb from any cause including but not limited to frost, landscaping (tree roots), or permitted encroachments.

(b) The Town has the authority and responsibility to issue encroachment permits to private parties to allow for the placement or installation of encroachments on the sidewalk within the right of way according to the terms and conditions established by the Town by ordinance or rule subject only to insuring that any permit issued does not in any way interfere with the use of the vehicle travel lanes nor with the safe and efficient use of the sidewalk by pedestrians. As an integral part of the responsibility is the authority and duty to remove any unpermitted encroachment.

(c) The Town may by ordinance or resolution establish parking rules and regulations, including installation of metered parking.

(d) The Town may by ordinance or regulation impose landscaping and/or sidewalk construction responsibilities on property owners whose property abuts the state facility provided that any new sidewalk construction completed under the Town authority on the highway right of way meets or exceeds the specifications and standards of the department including compliance with any state or federal handicapped access laws and regulations.

(e) For purposes of this agreement, "Maintenance" does not mean repair or replacement of any sidewalk segment six feet or more in continuous length which cannot be repaired without complete removal and replacement of the existing walk and subsurface base. Upon notice that a segment of sidewalk must be replaced, the department will take whatever steps necessary to complete the replacement within 120 days, (weather permitting), subject only to the temporary fix referred to in: I(2) below.

(f) In the event of a disagreement as to whether a sidewalk segment can be repaired or must be replaced, the parties agree that the issue will be resolved by agreement by the Streets and Alley Supervisor or his designee and the Department Maintenance Administrator or his designee. If necessary the Department and Supervisor and Mayor may be asked to resolve the issue.

(2) The parties agree that they have a joint and mutual interest to build and maintain the sidewalks in a safe manner. To that end there is a joint responsibility to inspect the sidewalks on a periodic basis, at least annually to discover any potential

sections that require repair or replacement. Regardless of who identifies an area of potential harm, they shall immediately notify the other party to the agreement and shall jointly take whatever steps necessary to warn the users of the walk until such time as repair or replacement can be completed. In the event replacement is deemed necessary, temporary repairs may be performed until such time as reconstruction can be programmed and completed. In the event replacement or reconstruction is required, the department shall use any eligible state or federal funding to perform the work and upon completion notify the Town after which the Town once again is responsible for future maintenance.

(3) Town agrees that the maintenance responsibility is in effect until the sidewalks are reconstructed as provided in paragraph (e), unless otherwise agreed to by the parties.

(4) If at any time, the Town believes that the useful life of any of these sidewalks has come to an end - i.e., that complete reconstruction of these sidewalks is the most reasonable economic alternative - it shall promptly notify the State in writing of its determination and the engineering basis therefor. Upon receipt of the written notice, the State shall respond in writing within thirty (30) calendar days to the Town's determination that complete reconstruction is the most reasonable economic alternative for continued maintenance or repair of a sidewalk. If, after notification, the State agrees that reconstruction of all of the sidewalk is the most reasonable economic alternative, the Town's duty to maintain the sidewalk shall terminate. If, after notification, the State disagrees that reconstruction is the most reasonable economic alternative, the State may, within an additional thirty (30) calendar days, obtain another opinion from an independent engineer at State expense. If that engineer determines that reconstruction is the most reasonable economic alternative, the Town's duty to maintain the sidewalks shall terminate until the reconstruction is completed or as otherwise agreed to by the parties. In the event of a disagreement as to whether complete reconstruction is the most reasonable economic alternative for continued maintenance or repair of a sidewalk the parties agree that the issue will be resolved by agreement by the ~~Director of Public Works~~ ^{Streets and Alley Supervisor} or his designee and the Department Maintenance Administrator or his designee. If necessary, the Department and ~~Director~~ ^{Supervisor} and the ~~City Manager~~ ^{Mayor} may be asked to resolve the issue. *EBB* *EBB*

(5) If, during its inspections, the Town encounters a condition on the sidewalk that it believes is caused by a design or construction defect or by the negligent act or omission of a State agent or employee, the Town will immediately notify the State of the existence and location of the defect and provide the State with a detailed explanation of the engineering basis for its belief that the condition is caused by a design or construction defect or the negligent act or omission of a State agent or employee.

(6) The State agrees to protect, indemnify, defend and save harmless the Town against and from all claims, liabilities, demands, causes of action, judgments, and losses (including costs and attorney's fees incurred by the Town in the defense thereof) to them arising in favor of or asserted by any person or entity on account of

personal injury, death or damage to property arising solely out of, or in connection with, a defect in the State's design or construction of the project (including, but not limited to, a defect in the State's construction or design of the sidewalks bordering the project as described above) or from the negligent or intentional act of department employees that in any way interfere with or damage the maintenance work of the Town.

The Town agrees to protect, indemnify, defend and save harmless the State and Department of Transportation against and from all claims, liabilities, demands, causes of action, judgments, and losses (including costs and attorney's fees incurred by the State in the defense thereof) to them arising in favor of or asserted by any person or entity (including, but not limited to, the Town) on account of personal injury, death or damage to property arising, in whole or in part, out of, or in connection with, the maintenance of the subject sidewalks.

(7) This section does not supersede, discharge, or extinguish any prior agreement between the parties, nor will any future agreement between the parties supersede, discharge, or extinguish this agreement, unless by specific reference and in clear terms.

(J) The Town will continue adequate engineering capabilities to ensure that a continuing traffic engineering function is carried out on the project.

III. DURING THE PERFORMANCE OF THIS AGREEMENT, THE TOWN, FOR ITSELF, ITS ASSIGNEES AND SUCCESSORS IN INTEREST, AGREES AS FOLLOWS:

A) Compliance With Title VI Of The Civil Rights Act Of 1964 For Federal-Aid Contracts

(1) Compliance with Regulations: The Town shall comply with all Regulations relative to nondiscrimination in Federally-assisted programs of the Department of Transportation, 49 Code of Federal Regulations, Part 21, as they may be amended (hereafter referred to as the Regulations), which are incorporated by reference and made a part of this Agreement, even if only state funding is here involved.

(2) Nondiscrimination: The Town, with regard to the work performed by it during the Agreement, shall not discriminate on the grounds of sex, race, color, or national origin in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The Town shall not participate either directly or indirectly in the discrimination prohibited by 49 CFR §21.5.

(3) Solicitations for Subcontracts, Including Procurements of Materials and Equipment: In all solicitations, whether by competitive bidding or negotiation by the Town for work to be performed under a subcontract, including procurements of materials or leases of equipment, any potential subcontractor or supplier shall be

notified by the Town of the Town's obligations under this Agreement and the Regulations relative to nondiscrimination.

(4) Information and Reports: Town will provide all reports and information required by the Regulations, or directives issued pursuant thereto, and permit access to its books, records, accounts, other sources of information and its facilities as may be determined by Department or the Federal Highway Administration (FHWA) to be pertinent to ascertain compliance with Regulations or directives. Where any information required of the Town is in the exclusive possession of another who fails or refuses to furnish this information, the Town shall so certify to the Department or the FHWA as requested, setting forth what efforts it has made to obtain the information.

(5) Sanctions for Noncompliance: In the event of the Town's noncompliance with the nondiscrimination provisions of this Agreement, Department may impose sanctions as it or the FHWA determines appropriate, including, but not limited to,

(a) withholding payments to the Town under the Agreement until the Town complies, and/or

(b) cancellation, termination or suspension of the Agreement, in whole or in part.

(6) Incorporation of Provisions: Town will include the provisions of paragraphs (1) through (6) in every subcontract, including procurement of materials and leases of equipment, unless exempt by the Regulations or directives issued pursuant thereto. Town will take such action with respect to any subcontract or procurement as the Department or the FHWA may direct to enforce such provisions including sanctions for noncompliance: Provided, however, that in the event Town is sued or is threatened with litigation by a subcontractor or supplier as a result of such direction, the Town may request the Department to enter into the litigation to protect the interests of the State, and, in addition, the Town or the State may request the United States to enter into such litigation to protect the interests of the United States.

B) Compliance With The Montana Governmental Code Of Fair Practices, §49-3-207, MCA

In accordance with §49-3-207, MCA, Town agrees that for this Agreement all hiring will be made on the basis of merit and qualifications and that there will be no discrimination on the basis of race, color, religion, creed, political ideas, sex, age, marital status, physical or mental disability, or national origin by the persons performing the Agreement.

C) Compliance With Americans With Disabilities Act (ADA)

(1) Town will comply with all regulations relative to implementation of the Americans With Disabilities Act.

(2) Town will incorporate or communicate the intent of the following statement in all publications, announcements, video recordings, course offerings or other program outputs: "Town will provide reasonable accommodations for any known disability that may interfere with a person in participating in any service, program or activity offered by the Town. In the case of documents, recordings or verbal presentations, alternative accessible formats will be provided. For further information call the Town."

(3) All video recordings produced and created under contract and/or agreement will be closed-captioned.

D) Compliance With Participation By Disadvantaged Business Enterprises In Department Of Transportation Financial Assistance Programs, 49 CFR PART 26

Each Agreement the Department signs with a Town (and each subcontract the prime contractor signs with a subcontractor) must include the following assurance:

"The Town, subrecipient or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The Town shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the Town to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the recipient deems appropriate.

THE PARTIES UNDERSTAND AND AGREE THAT THE FAILURE OF EITHER PARTY TO PERFORM THE DUTIES AND RESPONSIBILITIES SET FORTH IN THIS AGREEMENT MAY BE DEEMED A MATERIAL BREACH OF THE CONTRACT FOR WHICH ANY AVAILABLE REMEDY PROVIDED BY LAW MAY BE ASSERTED IN THE DISTRICT COURT. IN ANY LEGAL PROCEEDING TO ENFORCE ANY PROVISION OF THIS AGREEMENT OR FOR BREACH OF THIS AGREEMENT, THE PREVAILING PARTY SHALL BE ENTITLED TO RECOVER ITS COSTS AND ATTORNEY'S FEES.

IN WITNESS WHEREOF, the Department's authorized representative has signed on behalf of the State of Montana, and the Mayor of the Town of Stevensville, on behalf of the Town, has signed and affixed hereto the seal of the Town.

STATE OF MONTANA, DEPARTMENT OF TRANSPORTATION

By  April 25, 2012
Administrator - Engineering Division

By 
Approved for Legal Content

ATTEST:

By: Stacy Bartlett
Stacy Bartlett, Town Clerk

TOWN OF STEVENSVILLE
By: Gene Mim Mack
Gene Mim Mack, Mayor

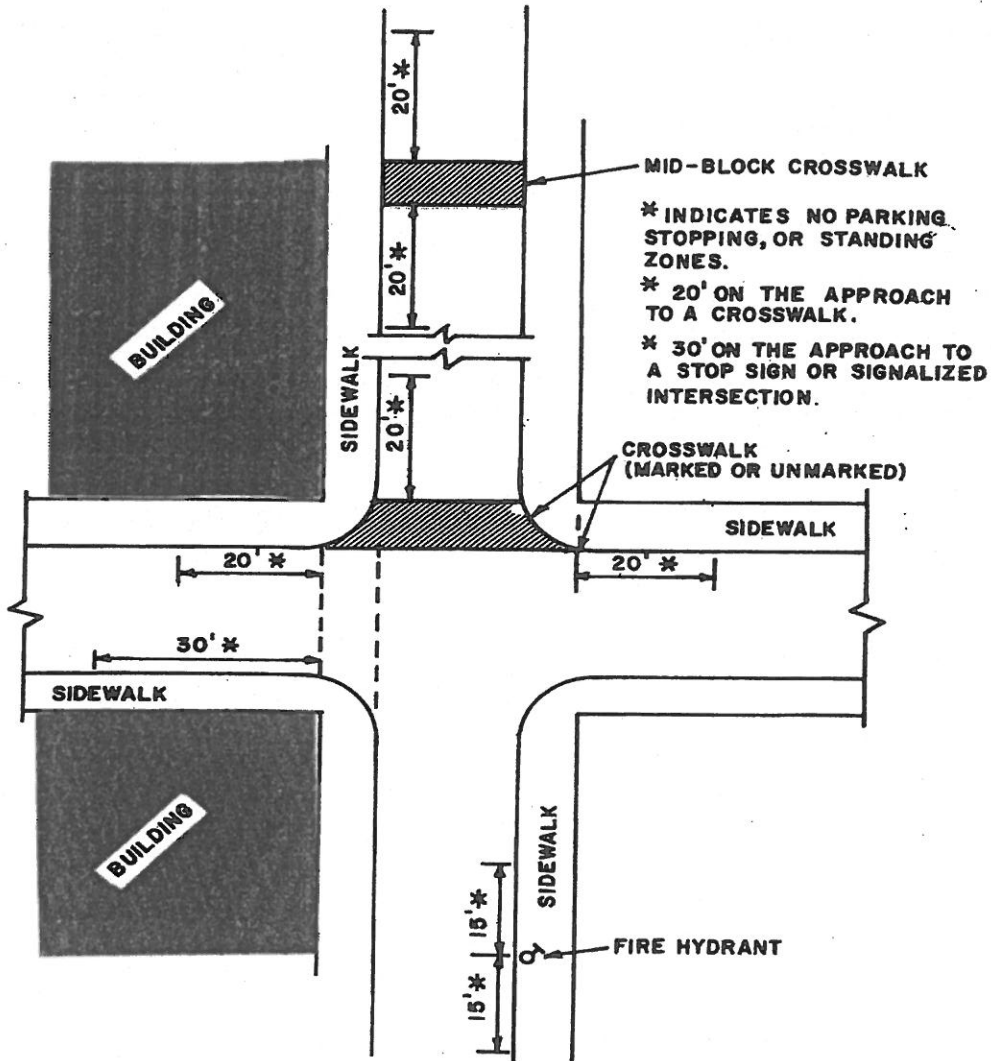
APPROVED AS TO FROM:

By: Keithi Worthington
Keithi Worthington, Town Attorney

I, Stacy Bartlett, Town Clerk of Stevensville, hereby certify that this agreement was regularly adopted by the Stevensville Town Council at a meeting held on the 12th day of April, 2012; and that the Stevensville Town Council authorized the Stevensville Town Mayor to sign this agreement on behalf of the Town of Stevensville.

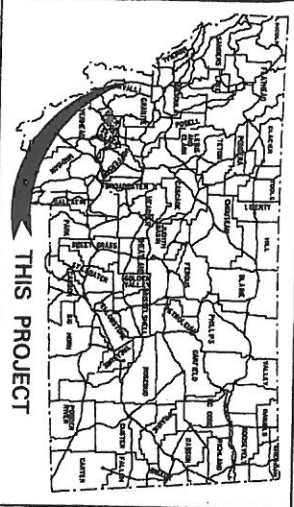
By: Stacy Bartlett
Stacy Bartlett, Town Clerk

"EXHIBIT A"



NO PARKING ZONES
As Defined by
MONTANA VEHICLE CODE

Prepared by Department of Transportation



THIS PROJECT

MONTANA DEPARTMENT OF TRANSPORTATION

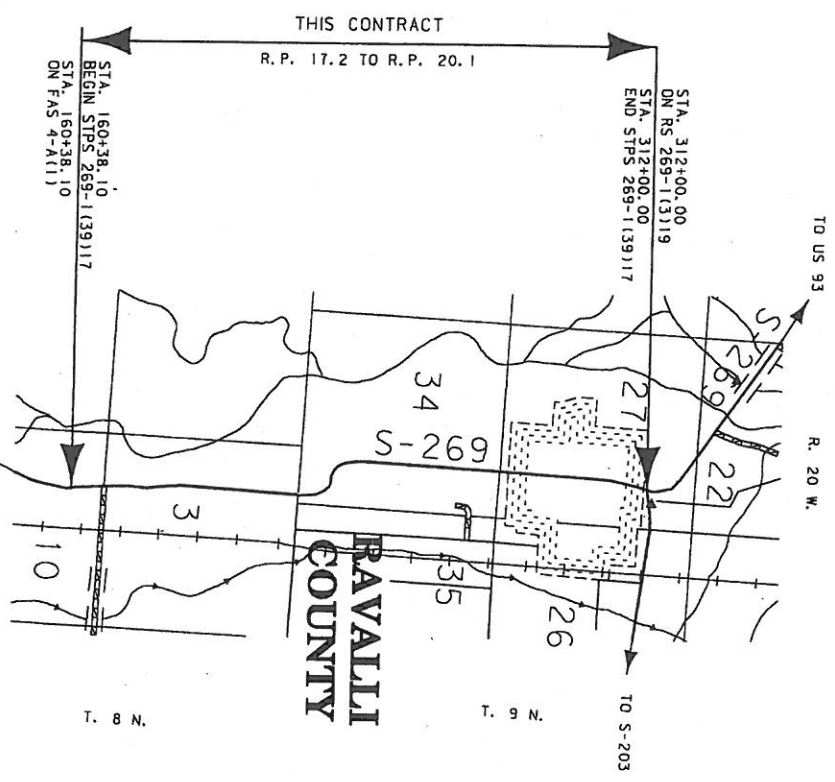
FEDERAL AID PROJECT STPS 269-1(39)17

MICROSURFACING
 STEVENSVILLE - SOUTH
 RAVALLI COUNTY

LENGTH 2.9 miles

DESIGN DATA	2007 A.D.T. = 7200
PRESENT	2007 A.D.T. = 7470
LETTING	2007 A.D.T. = 7470
DESIGN	2007 A.D.T. = 7470
DATE = 10/20/07	
SCALE = 1" = 100'	
GRAVEL RATE = 24%	

SURFACING SOURCES -
 CONTRACTOR FURNISHED



RELATED PROJECTS
 STPS 269-1(37)12

MONTANA DEPARTMENT OF TRANSPORTATION	CONTRACT NO. 1372201	ISSUED BY J. LEAR	1372201	P	STEVENSVILLE - SOUTH	STP
STPS 269-1(37)12	ISSUED BY J. LEAR	1372201	1372201	1372201	1372201	1372201
STPS 269-1(37)12	ISSUED BY J. LEAR	1372201	1372201	1372201	1372201	1372201

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ROAD PLANS

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BASIS OF PLAN QUANTITIES

(QUANTITIES FOR ESTIMATING PURPOSES ONLY)

- COB. ACCRETE WEIGHT = 3.855 LBS per cubic YARD
- MICROSURFACING AGGREGATE WEIGHT (SEPARATION COURSE) = 26.6 LBS per square YARD
- MICROSURFACING AGGREGATE WEIGHT (SURFACING COURSE) = 28.0 LBS per square YARD
- MICROSURFACING (SEPARATION COURSE) = 29.7 LBS per square YARD (liquid underdrain emulsion)
- MICROSURFACING (SURFACING COURSE) = 31.2 LBS per square YARD (liquid underdrain emulsion)
- MICROSURFACING ASPHALT EMULSION (SEPARATION COURSE) = 11.72 of Microsurfacing Aggregate (liquid underdrain emulsion)
- MICROSURFACING ASPHALT EMULSION (SURFACING COURSE) = 11.42 of Microsurfacing Aggregate (liquid underdrain emulsion)
- COB. WEIGHT OF P.L. MIX BIT. SURF. = 3700 LBS. PER CUBIC YARD
- ASPHALT CEMENT - GRADE 5 - 3/4" AGG. = 5.42 OF P.L. MIX BIT. SURF.
- ASPHALT CEMENT - GRADE 5 - 1/2" AGG. = 5.82 OF P.L. MIX BIT. SURF.
- HYDRATED LIME = 6.02 OF P.L. MIX BIT. SURF.
- BITUMINOUS MATERIAL = 8.50 LBS per square YARD (undiluted - one application only)
- TACK (ASPHALT SURFACES) = 0.025 GAL. per square YARD (undiluted - one application only)

TEMPORARY EROSION AND SEDIMENT CONTROL

IF SITUATIONS ARE OBSERVED DURING CONSTRUCTION THAT MAY POTENTIALLY IMPACT WATER QUALITY, INCLUDING WETLAND AREAS, UTILIZE BEST MANAGEMENT PRACTICES (BMP) AND/OR TEMPORARY EROSION CONTROL MEASURES AS NECESSARY TO PROTECT THE RESOURCE. REFER TO SECTION 208 OF THE MDI DETAILED DRAWINGS FOR EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES.

ALL INSTALLED TEMPORARY EROSION CONTROL MATERIALS IN OR ADJACENT TO WATERS OF THE U.S. MUST BE COMPOSED AND CONSTRUCTED OF 100% BIODEGRADABLE FIBERS, NETTING AND STITCHING.

INSTALL TEMPORARY EROSION CONTROL MEASURES AS DEEMED NECESSARY BY THE ENGINEER. PAYMENT TO BE DETERMINED USING THE EROSION AND SEDIMENT CONTROL RATE SCHEDULE AND PAID UNDER MISCELLANEOUS WORK.

ASBUILTS

FOR HORIZONTAL ALIGNMENT AND STATIONING, REFER TO THE FOLLOWING "AS-BUILT" PROJECT(S):

- FAS 4-A111 CONST. 1939
- RS 269-113119 CONST. 1984
- RTS 269-1177112 CONST. 1996

LINEAR DATA

LENGTH OF ROADWAY	2 LANE RURAL	11,398.00 FT
LENGTH OF ROADWAY	2 LANE URBAN	3,750.00 FT
TOTAL LENGTH OF	STPS 269-1(39)17	15,148.00 FT



MDTX
MONTANA DEPARTMENT
OF TRANSPORTATION

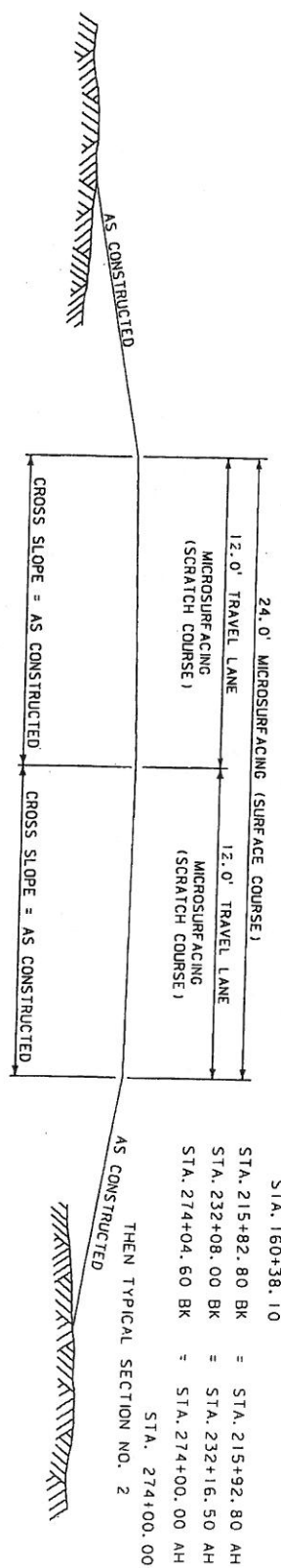
DESIGNED BY J. LEARY
CHECKED BY
DATE 12/27/2011

PRELIMINARY

STEVENSVILLE - SOUTH
UPN 1656000

STPS 269-1(39)17
SHEET 2

TYPICAL SECTION NO. 1



STA. 160+38.10

STA. 215+82.80 BK = STA. 215+92.80 AH

STA. 232+08.00 BK = STA. 232+16.50 AH

STA. 274+04.60 BK = STA. 274+00.00 AH

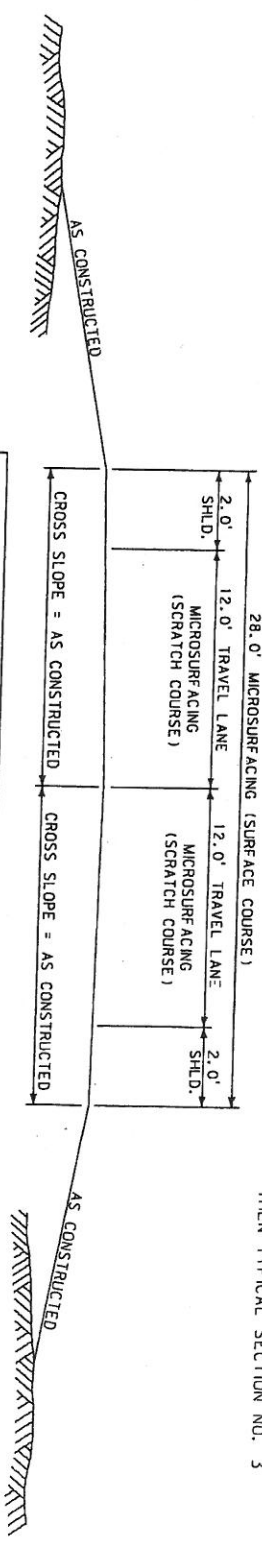
STA. 274+00.00

THEN TYPICAL SECTION NO. 2

AS CONSTRUCTED

UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL	
	LIQUID PER STATION	TONS PER STATION		ASPHALT EMULSION	SCRATCH COURSE
square yards per station	267	267	square yards per station	267	
square yards per station	3.6	3.7	square yards per station	0.42	
total tons per station	7.3	7.3	total tons per station	0.84	

TYPICAL SECTION NO. 2



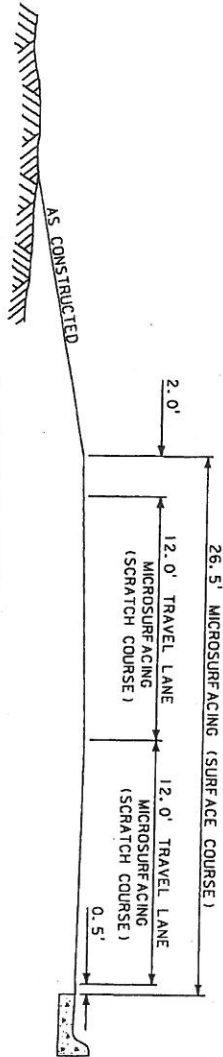
STA. 274+00.00 TO STA. 274+50.00

THEN TYPICAL SECTION NO. 3

UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL	
	LIQUID PER STATION	TONS PER STATION		ASPHALT EMULSION	SCRATCH COURSE
square yards per station	267	267	square yards per station	267	
square yards per station	3.6	4.4	square yards per station	0.42	
total tons per station	8.0	8.0	total tons per station	0.92	

TYPICAL SECTION NO. 3

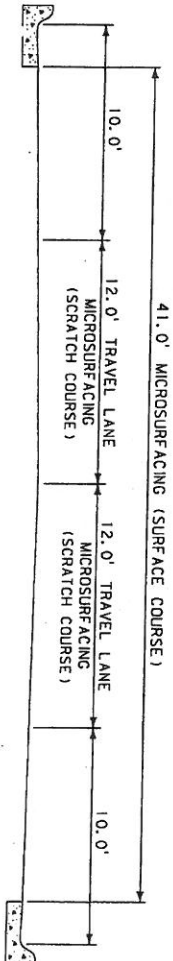
STA. 274+50.00 TO STA. 276+00.00
 STA. 276+00.00 TO STA. 278+38.50 TRANS. TYP. NO. 3 TO TYP. NO. 4



UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL	
	MICROSURFACING COURSE	SCRATCH COURSE		ASPHALT EMULSION COURSE	SCRATCH COURSE
AREA square feet	267	267	square yards per station	257	254
cubic yards per station	3.6	4.1	tons per station	0.42	0.47
TOTAL TONS PER STATION	7.7		TOTAL TONS PER STATION	0.89	

TYPICAL SECTION NO. 4

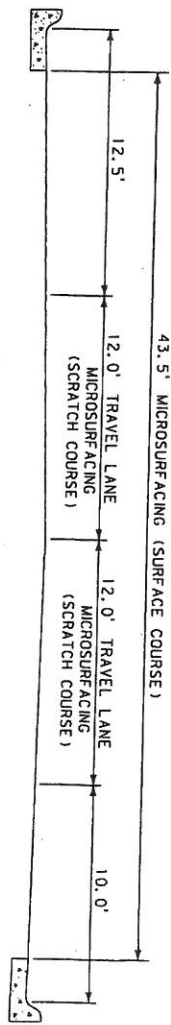
STA. 278+38.50 TO STA. 293+00.00
 STA. 293+00.00 TO STA. 293+50.00 TRANS. TYP. NO. 4 TO TYP. NO. 5



UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL	
	MICROSURFACING COURSE	SCRATCH COURSE		ASPHALT EMULSION COURSE	SCRATCH COURSE
AREA square feet	267	267	square yards per station	436	436
cubic yards per station	3.6	5.4	tons per station	0.42	0.73
TOTAL TONS PER STATION	10.0		TOTAL TONS PER STATION	1.15	

TYPICAL SECTION NO. 5

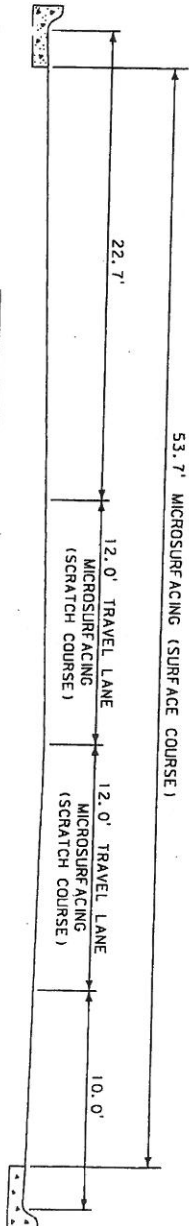
STA. 293+50.00 TO STA. 295+76.00
 STA. 295+76.00 TO STA. 296+58.90 TRANS. TYP. NO. 5 TO TYP. NO. 6



QUANTITIES			
UNIT	AGGREGATE	UNIT	BITUMINOUS MATERIAL
	TONS PER STATION		TONS PER STATION
square yards	267	square yards	483
square yards	3.6	square yards	0.42
TOTAL TONS PER STATION	10.4	TOTAL TONS PER STATION	1.20

TYPICAL SECTION NO. 6

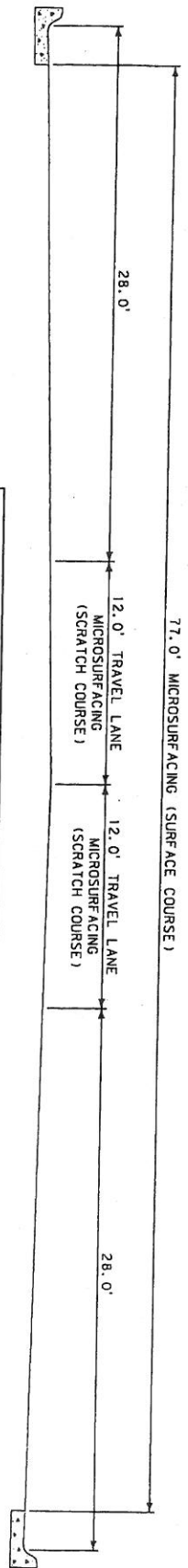
STA. 296+58.90 ONLY
 STA. 296+58.90 TO STA. 297+00.80 TRANS. TYP. NO. 6 TO TYP. NO. 7



QUANTITIES			
UNIT	AGGREGATE	UNIT	BITUMINOUS MATERIAL
	TONS PER STATION		TONS PER STATION
square yards	267	square yards	483
square yards	3.6	square yards	0.42
TOTAL TONS PER STATION	12.0	TOTAL TONS PER STATION	1.38

TYPICAL SECTION NO. 7

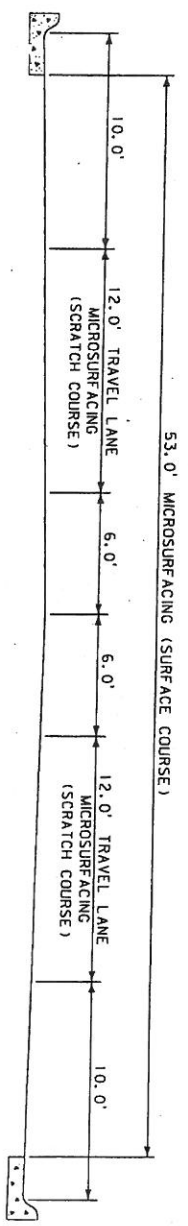
STA. 297+00.80 TO STA. 311+38.00
 STA. 311+38.00 TO STA. 311+71.40 TRANS. TYP. NO. 7 TO TYP. NO. 8



UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL	
	MICROSURFACING COURSE	SCRATCH COURSE		ASPHALT EMULSION COURSE	SCRATCH COURSE
AREA square feet	267	856	square yards PER STATION	0.42	1.37
cubic yards PER STATION	3.6	12.0	tons PER STATION	0.42	1.37
TONS PER STATION	3.6	12.0	TOTAL TONS PER STATION	1.79	

TYPICAL SECTION NO. 8

STA. 311+71.40 TO STA. 312+00.00



UNIT	AGGREGATE		UNIT	BITUMINOUS MATERIAL	
	MICROSURFACING COURSE	SCRATCH COURSE		ASPHALT EMULSION COURSE	SCRATCH COURSE
AREA square feet	267	856	square yards PER STATION	0.42	1.37
cubic yards PER STATION	3.6	12.0	tons PER STATION	0.42	1.37
TONS PER STATION	3.6	12.0	TOTAL TONS PER STATION	1.79	

MDTA
 MARYLAND DEPARTMENT
 OF TRANSPORTATION

DESIGNED BY: J. LEARY
 CHECKED BY: [blank]
 DATE: 12/27/01

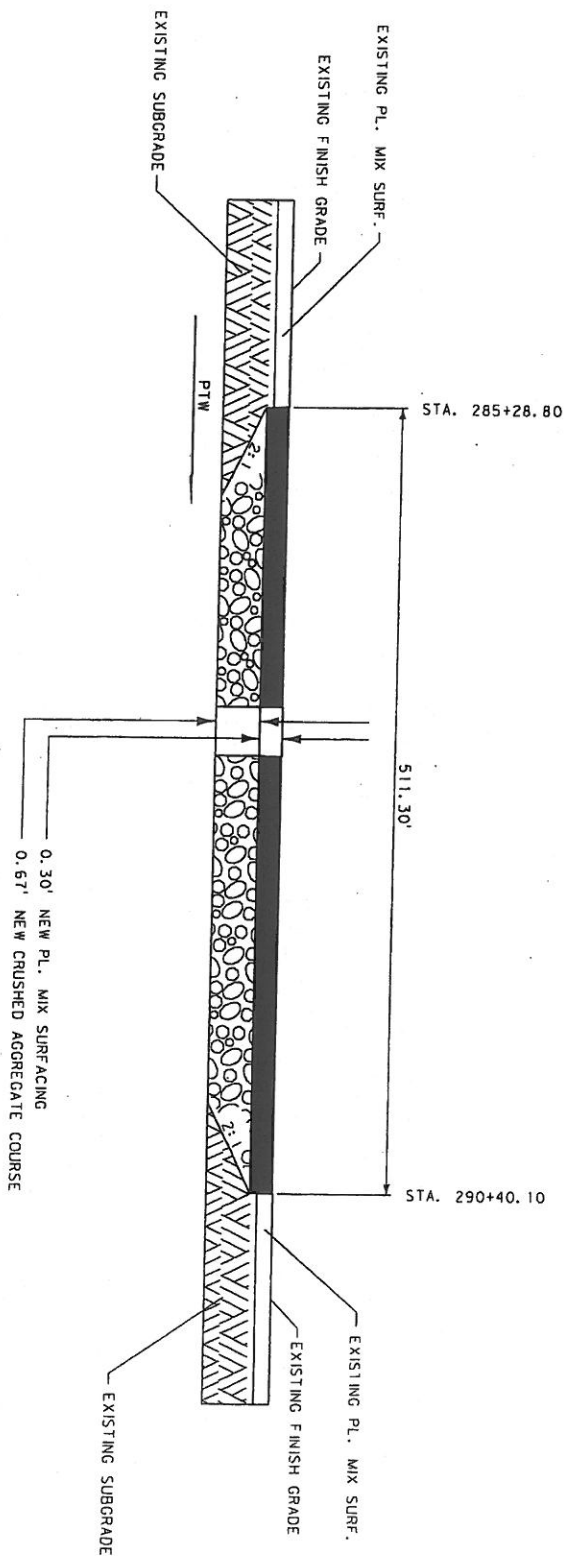
PRELIMINARY

STEVENSVILLE - SOUTH

UPN 7656000

STPS 289-1139117
 SHEET 6

DETAIL



NOTE: DIGOUT EXCAVATION WIDTH WILL BE 12' WIDE AND CENTERED ON THE EXISTING CENTERLINE

DIGOUT EXCAVATION
AND REPLACEMENT

NO SCALE

MDTA MONTANA DEPARTMENT
OF TRANSPORTATION

CONTRACT NUMBER: 2007012
SECTION: 55324.00

DESIGNED BY: A. LEARY
CHECKED BY:

12/27/2011

PRELIMINARY

STEVENSVILLE - SOUTH

UPN 7656000

STPS 269-1139.117

SHEET 8