

**City of Boonville
Street Repairs
STP1300 (505)**

**MECO Project No. 454-216
July 16, 2013**

ADDENDUM NO. 1

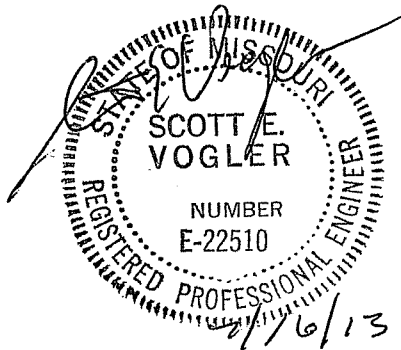
TO: Prospective Bidders and Others Concerned:

The original plans, specifications and contract documents remain in full force and effect except as revised by the following changes, which take precedence over any wording to the contrary in the contract documents.

This addendum shall be attached to the bidder's proposal and contract documents and acknowledged on the bid form as having been received.

- Item #1: Specifications: Delete the Bid Schedule and replace it with the Bid Schedule found on Yellow paper attached herewith. The contractor shall submit the attached Bid Schedule on yellow paper with "Addendum No. 1" printed in the upper right hand corner with the bid. Any other forms will not be accepted.
- Item #2: Plans: Delete plan sheets No. 5, 6 and 7 from the set of plans and replace them with the plan sheets No. 5, 6 and 7 marked ADDENDUM NO. 1. The project is adding curb and gutter replacement as well as some street and driveway approach replacement.

END OF ADDENDUM NO. 1



Scott E. Vogler, P.E. #22510

ADDENDUM NO. 1 RECEIVED AND ACCEPTED BY:

Signature

Date:

BID SCHEDULE

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
1.	Mobilization	1	LS	\$ _____	\$ _____
UNIT PRICE IN WORDS					
2.	Construction Signs	576	SF	\$ _____	\$ _____
UNIT PRICE IN WORDS					
3.	Movable Barricade	2	EA	\$ _____	\$ _____
UNIT PRICE IN WORDS					
4.	Removal of Improvements	1	LS	\$ _____	\$ _____
UNIT PRICE IN WORDS					
5.	Unsuitable Material Excavation	50	CY	\$ _____	\$ _____
UNIT PRICE IN WORDS					
6.	Rock Backfill in Unsuitable Areas	50	CY	\$ _____	\$ _____
UNIT PRICE IN WORDS					
7.	Subgrade Compaction	665	SY	\$ _____	\$ _____
UNIT PRICE IN WORDS					
8.	Geotextile Separation Fabric	584	SY	\$ _____	\$ _____
UNIT PRICE IN WORDS					
9.	6" Type 5 Aggregate Base	624	SY	\$ _____	\$ _____
UNIT PRICE IN WORDS					
10.	2" BP-2 Asphalt Wedge Course	69	SY	\$ _____	\$ _____
UNIT PRICE IN WORDS					

ADDENDUM 1

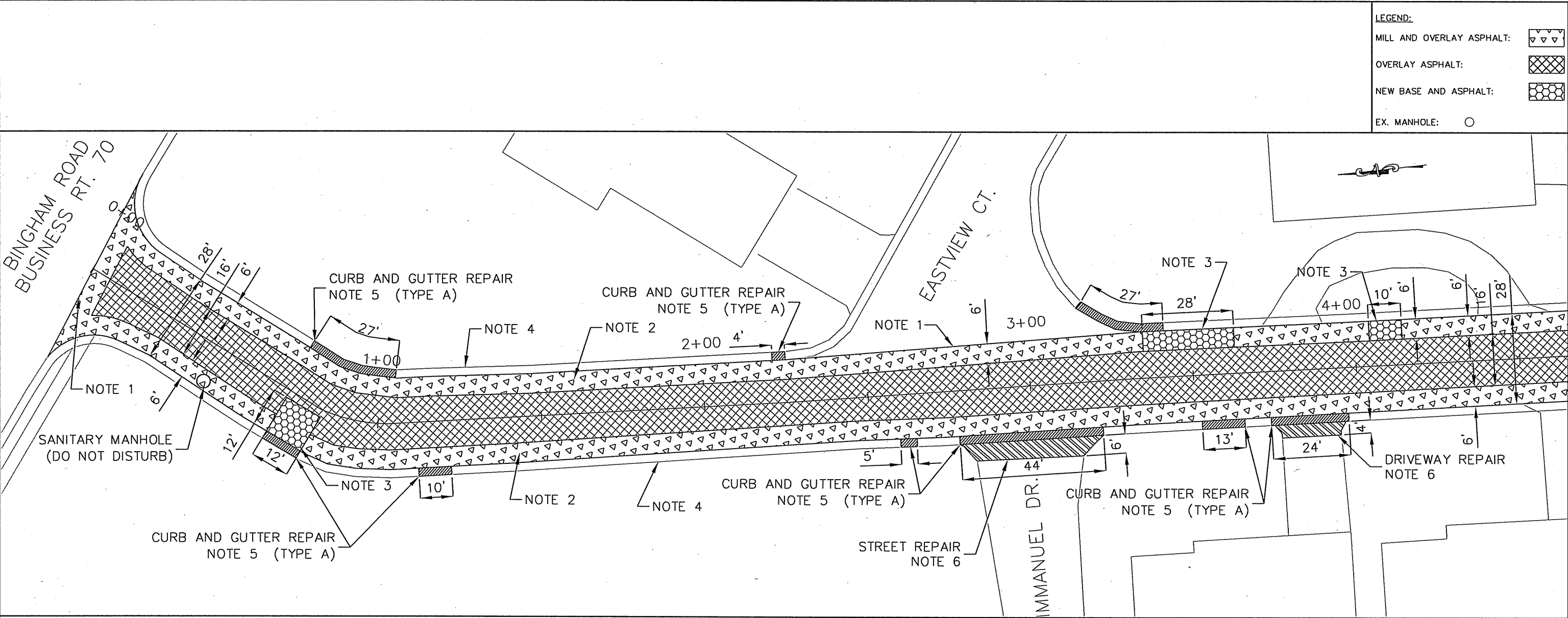
<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
11.	2" Milling and Pavement Preparation Including sweeping 6'0" width for Asphalt with tapered cut	1,144	SY	\$ _____	\$ _____
UNIT PRICE IN WORDS					
12.	Tack Coat	136	GAL	\$ _____	\$ _____
UNIT PRICE IN WORDS					
13.	2" BP-2 Overlay	2,719	SY	\$ _____	\$ _____
UNIT PRICE IN WORDS					
14.	10" High Early Strength Concrete	470	SY	\$ _____	\$ _____
UNIT PRICE IN WORDS					
15.	French Drain	139	LF	\$ _____	\$ _____
UNIT PRICE IN WORDS					
16.	6" PVC Drain Pipe	95	LF	\$ _____	\$ _____
UNIT PRICE IN WORDS					
17.	12" Thick Rock Ditch Liner	200	LF	\$ _____	\$ _____
UNIT PRICE IN WORDS					
18.	Temporary Ditch Checks	2	EA	\$ _____	\$ _____
UNIT PRICE IN WORDS					
19.	Fertilizing, Seeding, & Mulching	0.1	AC	\$ _____	\$ _____
UNIT PRICE IN WORDS					
20.	Type A Curb and Gutter	305	LF	\$ _____	\$ _____
UNIT PRICE IN WORDS					

BID SCHEDULE

00410/2

<u>ITEM NO.</u>	<u>DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>TOTAL</u>
21.	6" PCC Street and Drive Approach	45	SY	\$ _____	\$ _____
<hr/>					
UNIT PRICE IN WORDS					
22.	4" Type 5 Aggregate Base	45	SY	\$ _____	\$ _____
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UNIT PRICE IN WORDS					
<hr/>					
TOTAL BID (ITEMS 1-22)		_____			
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TOTAL BID IN WORDS					

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NOTES:

1. CONTRACTOR SHALL BUTT JOINT THE PROPOSED 2" MODOT BP-2 SURFACE COURSE WITH THE EXISTING PAVEMENT WHERE INDICATED, OR AS DIRECTED BY THE ENGINEER.
2. CONTRACTOR SHALL CLEAN AND MILL THE STREET AS INDICATED. CONTRACTOR SHALL APPLY A TACK COAT AND PROVIDE A 2" MODOT BP-2 SURFACE COURSE ON THE FULL WIDTH OF THE STREET. THE CONTRACTOR SHALL IMPROVE THE CROWN OF THE STREET.
3. CONTRACTOR SHALL SAWCUT AND REMOVE THE EXISTING ASPHALT AND SUBGRADE. THE CONTRACTOR SHALL REMOVE UNSUITABLE MATERIAL AND STABILIZE THE BASE IN ACCORDANCE WITH THE DETAILS HEREIN, OR AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PLACE GEOTEXTILE FABRIC PRIOR TO PLACING 6" COMPACTED BASE ROCK. THE CONTRACTOR SHALL PROVIDE 6" OF COMPACTED BASE ROCK AND 2" MODOT BP-2 WEDGE COURSE PRIOR TO THE 2" MODOT BP-2 OVERLAY.
4. DO NOT DISTURB EXISTING CURB AND GUTTER OR DRIVEWAYS UNLESS NOTED.
5. THE CONTRACTOR SHALL REMOVE THE EXISTING CURB AT A JOINT AND REPOUR A NEW CURB WITH AN AGGREGATE BASE IN ACCORDANCE WITH THE CURB AND GUTTER DETAIL.
6. THE CONTRACTOR SHALL REMOVE THE EXISTING CONCRETE APPROACH AND REPOUR A NEW APPROACH IN ACCORDANCE WITH THE STREET AND DRIVE REPAIR DETAIL.

ADDENDUM NO. 1

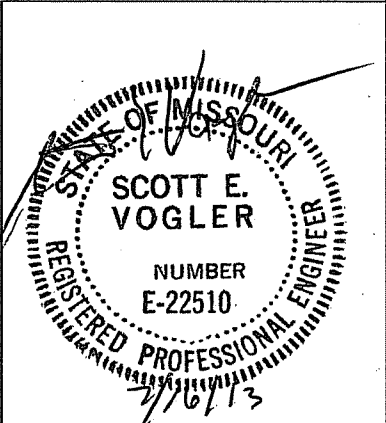
NOTES TO THE CONTRACTOR:

Underground facilities, structures, and utilities have been plotted from available surveys and records and therefore, their locations must be considered approximate only. There may be others, the existence of which is at present not known. Verification of the locations of underground utilities, shown or not shown, will be the responsibility of the construction contractor.

The contractor shall make suitable and timely requests to all utility owners, pipeline owners, or other parties affected to have all necessary adjustments of public or private utilities, pipe lines, or other appurtenances within, or adjacent to the limits of construction, as soon as practical or possible.

SCALE: 1"=30'

UTILITIES
MISSOURI ONE CALL SYSTEM
(DIGRTE)
1-800-344-7483



NO.	DATE	REVISION DESCRIPTION	BY

MECO ENGINEERING COMPANY, INC.
ENGINEERS • SURVEYORS
2701 Industrial Drive
JEFFERSON CITY, MISSOURI 65109
(573) 693-5558

THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEARS ON THIS SHEET, ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS RESPONSIBILITY FOR ALL OTHER PLANS, SPECIFICATIONS, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

CITY OF BOONVILLE
COOPER COUNTY
MISSOURI

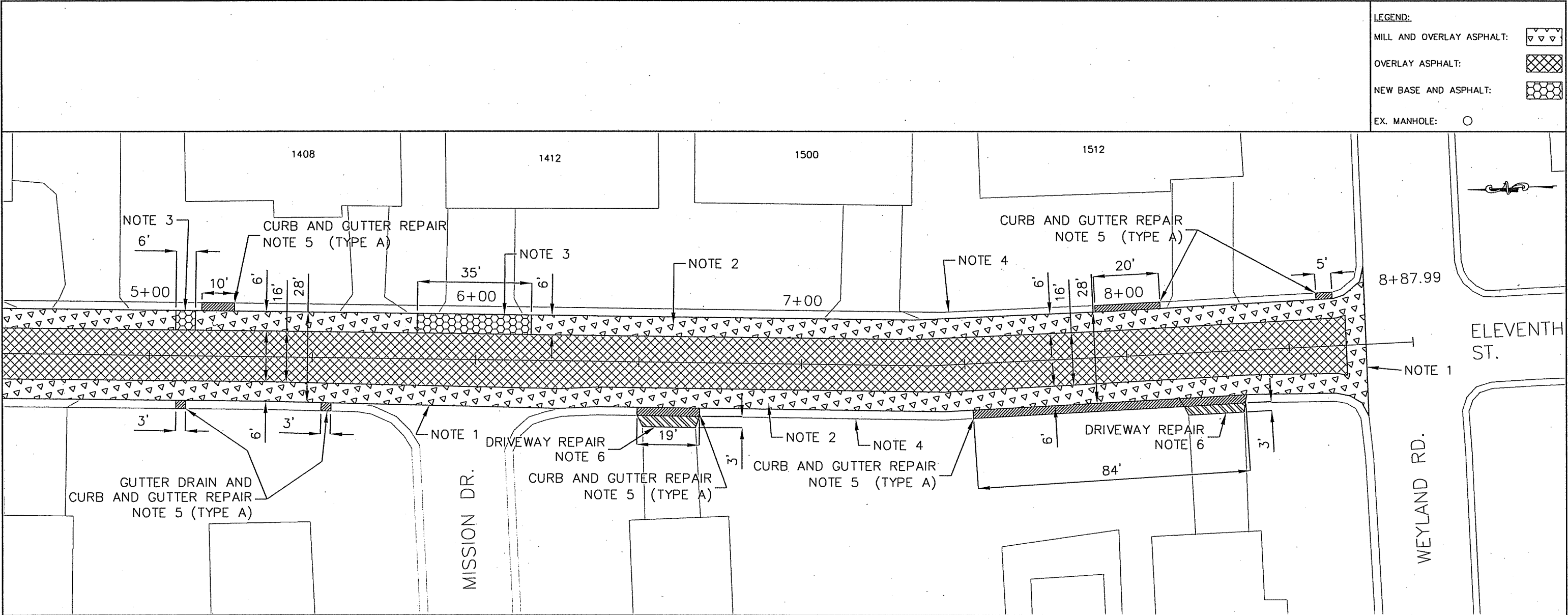
STREET REPAIRS
MoDOT NO. STP-1300(505)

SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	DATE
SEV	SEV	AJS	SEV	SEV	7/2013

ELEVENTH STREET

SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
AS SHOWN	454216sp-AsphOvrly-Addendum	STP-1300(505) 454-216	5

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NOTES:

1. CONTRACTOR SHALL BUTT JOINT THE PROPOSED 2" MODOT BP-2 SURFACE COURSE WITH THE EXISTING PAVEMENT WHERE INDICATED, OR AS DIRECTED BY THE ENGINEER.
2. CONTRACTOR SHALL CLEAN AND MILL THE STREET AS INDICATED. CONTRACTOR SHALL APPLY A TACK COAT AND PROVIDE A 2" MODOT BP-2 SURFACE COURSE ON THE FULL WIDTH OF THE STREET. THE CONTRACTOR SHALL IMPROVE THE CROWN OF THE STREET.
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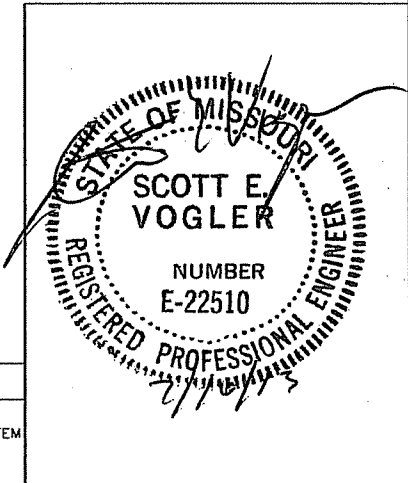
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The contractor shall make suitable and timely requests to all utility owners, pipeline owners, or other parties affected to have all necessary adjustments of public or private utilities, pipe lines, or other appurtenances within, or adjacent to the limits of construction, as soon as practical or possible.

SCALE: 1"=30'

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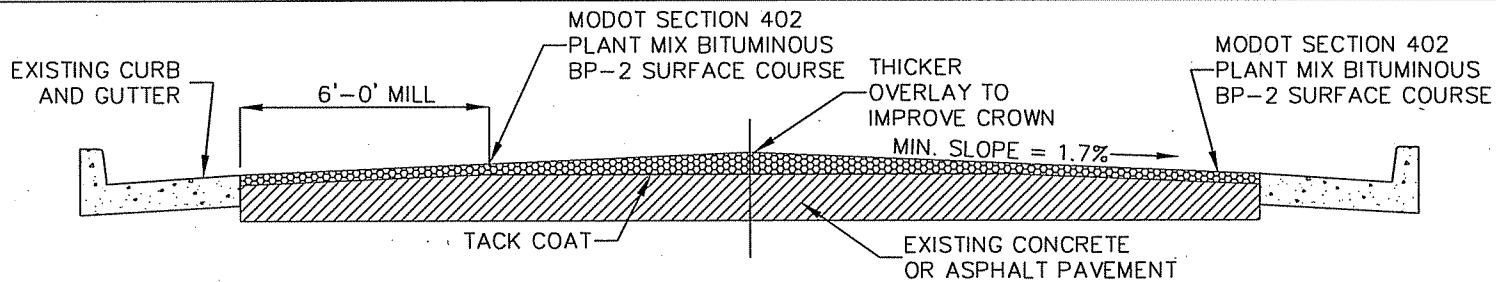
CITY OF BOONVILLE
COOPER COUNTY
MISSOURI

STREET REPAIRS
MoDOT NO. STP-1300(505)

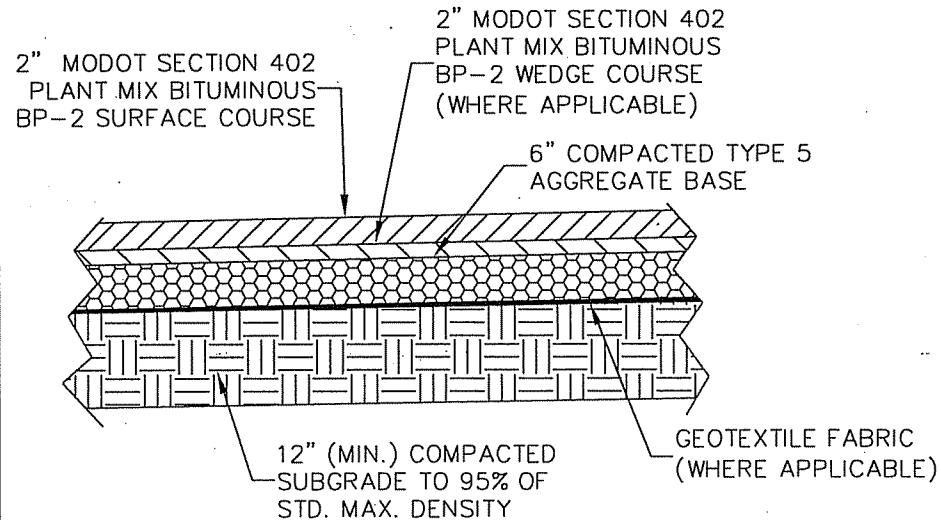
ELEVENTH STREET

SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	DATE	SCALE	DRAWING NAME	PROJECT NUMBER	SHEET NO.
	SEV	AJS	SEV	SEV	7/2013	AS SHOWN	454216sp-AsphOvly-Addendum	STP-1300(505) 454-216	6

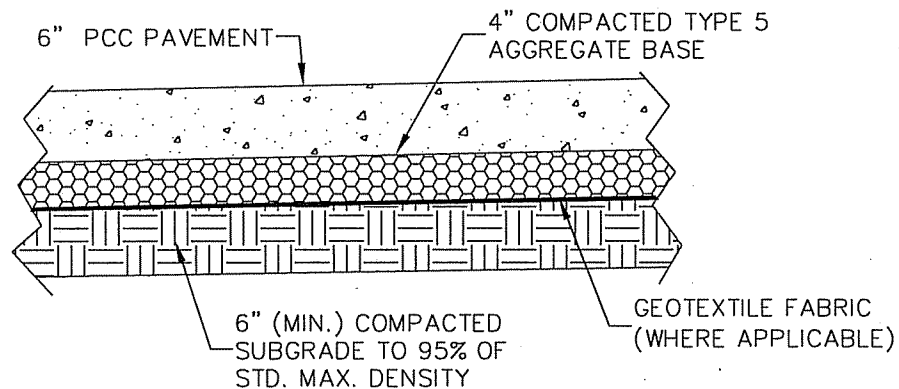
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OVERLAY CURB & GUTTER STREET (PARTIALLY MILLED)



TYPICAL ASPHALT REPLACEMENT



TYPICAL STREET AND DRIVE REPAIR

NOTES:

1. EXPANSION JOINTS SHALL BE INSTALLED AT CURB RETURN RADIUS POINTS, INLET RETURNS, AND AT DRIVE APPROACHES. 1/2" EXPANSION MATERIAL WITH 5/8" x 24" SMOOTH DOWELS SHALL BE USED. THESE DOWELS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
2. THE EXPANSION JOINT MATERIAL SHALL BE GRAY SPONGE RUBBER FULL DEPTH.
3. CONSTRUCTION JOINTS MAY BE SAWED, OR PRE-FORMED.
4. ALL JOINTS SHALL BE CUT AT 10' ON CENTER. ALL JOINTS SHALL BE FILLED WITH JOINT SEALER.
5. CONTRACTOR SHALL PLACE 4" OF COMPACTED TYPE 5 AGGREGATE BASE UNDER ALL CURB AND GUTTER.

NOTES:

PARTIAL WIDTH MILLING: ON STREETS DESIGNATED FOR PARTIAL WIDTH MILLING, DEPTH SHALL TAPER UNIFORMLY FROM A DEPTH OF 2" AT THE STREET EDGE TO ZERO DEPTH AT A POINT 6'-0" (THE WIDTH OF THE MILLING MACHINE) FROM THE STREET EDGE. EXISTING CROWN SHALL BE MAINTAINED OR IMPROVED.

LEVEL OR WEDGE COURSE: A LEVEL OR WEDGE COURSE MAY BE NECESSARY AS PRESCRIBED BY THE DIRECTOR OF PUBLIC WORKS OR HIS AGENT. ALL LEVEL OR WEDGE COURSES SHALL BE PLACED IN SUCH A MANNER THAT THEIR JOINTS ARE STAGGERED WITH THE WEARING COURSE. LEVEL OR WEDGE COURSE THICKNESS WILL VARY FROM 0" - 2" DEPENDING ON THE DEPTH OF THE DEPRESSED AREA. IN AREAS WHERE MORE THAN 2" OF LEVEL OR WEDGE COURSE ARE REQUIRED, ADDITIONAL LIFTS WILL BE USED.

WEARING COURSE: THE CONTRACTOR SHALL ARRANGE HIS PAVING TO PROVIDE HOT JOINTS WHEREVER POSSIBLE. WHERE IT IS NECESSARY TO LEAVE A COLD JOINT, THE EDGE WILL BE SQUARED VERTICALLY AND HORIZONTALLY AND COMPACTED. WHEN MATCHING A COLD JOINT, THE CONTRACTOR WILL PAINT THE JOINT WITH EMULSION PRIOR TO PAVING. DEPTH OF THE WEARING COURSE SHALL BE 2" MIN. DEPENDING UPON SURFACE CONDITIONS. ASPHALT LAID ADJACENT TO GUTTER LINES SHALL MEET THE EXISTING GRADE UNLESS THE PUBLIC WORKS DIRECTOR WAIVES THIS REQUIREMENT. ALL DRIVEWAY AND INTERSECTIONS SHALL HAVE ASPHALT LAID IN SUCH A WAY AS TO PREVENT BUMPS OR DRAGGING.

MIX GRADATION: THE MIX USED FOR THIS WORK SHALL BE OF MODOT SECTION 402 PLANT MIX BITUMINOUS BP-2.

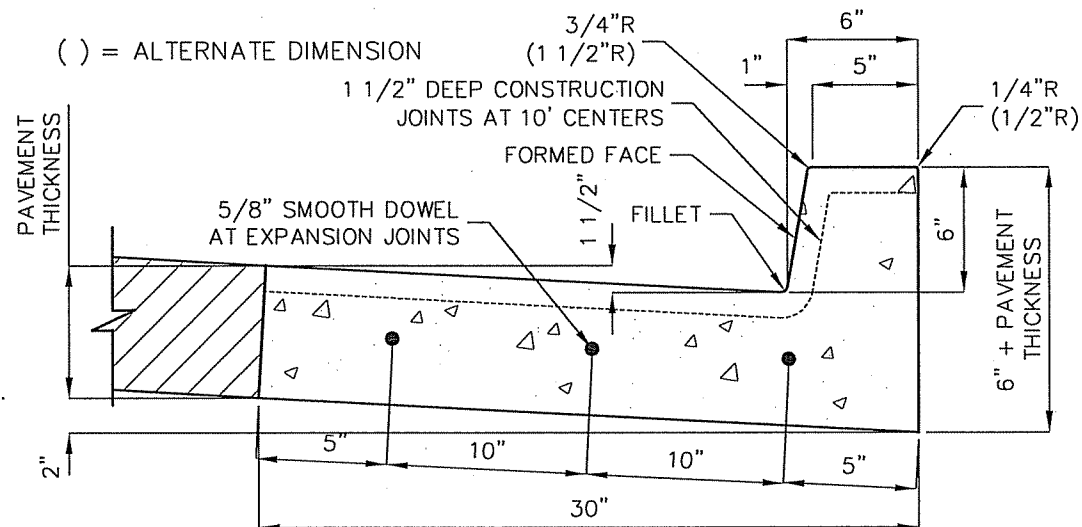
INSPECTION: INSPECTION OF ALL WORK WILL BE BY CITY OF BOONVILLE PUBLIC WORKS EMPLOYEES OR CITY ENGINEER.

SEQUENCE OF OPERATION: THE "SCHEDULE OF STREETS" IS A LISTING OF STREETS TO BE MILLED AND PAVED AND DOES NOT INDICATE THE ACTUAL PAVING ORDER TO BE FOLLOWED. THE CONTRACTOR WILL ORGANIZE SCHEDULES TO EFFECT THE MOST EFFICIENT PAVING ORDER WITH FINAL APPROVAL BY THE DIRECTOR.

RIGHT-OF-WAY: ALL WORK UNDER THE CONTRACT SHALL BE DONE WITHIN STREET RIGHT-OF-WAY. UPON COMPLETION OF EACH STREET, THE CONTRACTOR SHALL LEAVE THE AREA WITHIN THE RIGHT-OF-WAY FREE FROM TACK COAT SPILLS, SURPLUS ASPHALTIC CONCRETE FROM THE PAVING OPERATION OR FROM CLEANING OF PAVING MACHINE, AND/OR ANY OTHER DEBRIS ASSOCIATED WITH THE PAVING OPERATION. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE ANY ITEMS (I.E., CURBS, SIDEWALKS, DRIVEWAYS, SHRUBBERY, UTILITY FACILITIES, ETC.) WITHIN THE RIGHT-OF-WAY DAMAGED DUE TO THE PAVING PROCESS.

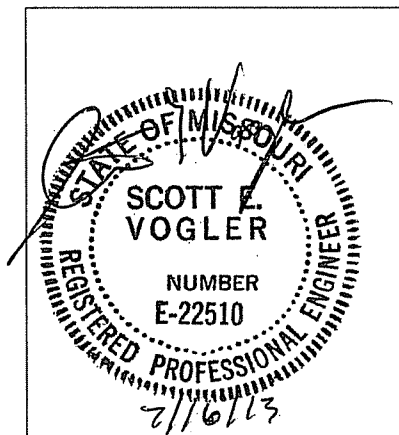
TACK COAT APPLICATION: TACK COAT SHALL BE AN ANIONIC EMULSIFIED ASPHALT. IMMEDIATELY PRIOR TO PAVING, A TACK COAT SHALL BE APPLIED TO THE CLEAN SURFACE. ALL TRAFFIC NOT ESSENTIAL TO THE WORK SHALL BE KEPT OFF THE TACK COAT. CARE SHALL BE TAKEN WHEN APPLYING THE TACK COAT TO PROHIBIT THE SPRAY FROM ADHERING TO ANY OBJECTS OTHER THAN THE SURFACE TO BE PAVED. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR REMOVING TACK COAT FROM SUCH OBJECTS. THE CONTRACTOR SHALL APPLY TACK COAT ONLY TO THOSE STREETS WHICH HE WILL RESURFACE EACH DAY. RATE OF APPLICATION: 0.05 GALLON PER SQUARE YARD.

UTILITIES TO BE MARKED: THE CONTRACTOR SHALL MARK AND RECORD EACH UTILITY OPENING OR MANHOLE WHICH IS COVERED BY RESURFACING. THE RESPECTIVE UTILITY WILL BE RESPONSIBLE FOR RAISING THEIR FACILITY TO THE NEW SURFACE LEVEL, UNLESS NOTED OTHERWISE. ANY UTILITY FACILITY, WHICH IS BROKEN OR DAMAGED BY THE CONTRACTOR, SHALL BE REPLACED ENTIRELY AT THE CONTRACTORS COST.



TYPE "A" CURB AND GUTTER
(ASPHALT STREET)

ADDENDUM NO. 1



NO.	DATE	REVISION DESCRIPTION	BY

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ENGINEERS • SURVEYORS
2701 Industrial Drive
JEFFERSON CITY, MISSOURI 65109
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CITY OF BOONVILLE
COOPER COUNTY
MISSOURI

STREET REPAIRS MoDOT NO. STP-1300(505)						
SURVEYED	DESIGNED	DRAWN	CHECKED	APPROVED	DATE	SCALE
SEV	SEV	AJS	SEV	SEV	4/2013	NOT TO SCALE

MILLING AND OVERLAY NOTES AND TYPICAL SECTIONS			
DRAWING NAME	PROJECT NUMBER	SHEET NO.	
454216Milling-Asphalt	STP-1300(505) 454-216	7	