

ADDENDUM NO. 2
FOR
STREET REHABILITATION
(RECLAMATION, RESURFACING AND DRAINAGE)
CDBG PROJECT NO. SM-CM-PF-16-010
FOR
THE TOWN OF COLLINSVILLE

JUNE 14, 2017

TO: ALL PLAN HOLDERS AND INTERESTED PARTIES

SUBJECT: Plans, Specifications, and Contract Documents are hereby amended, modified, and changed as follows:

I. Reference Contract Documents and Plans

- A. Enclosed on page ADM2-5 is a Business Privilege Fee Schedule. The successful bidder and all subcontractors will be required to purchase a business license from the Town of Collinsville.
- B. Full Depth Reclamation has been removed from the project.
- C. A section of road in the Gregory/Temple Heights/Chester area has apparent root buckling. This shall be dug and repaired per bid item No. 4
- D. Patching shall be performed for all locations where potholes or similar depressions are present and where removal and replacement of base has occurred, as directed by the Engineer.
- E. For estimation of quantities, leveling was assumed to be an average of 1 inch thick across the entire road width.
- F. Reference Part VI, Division 2 - Sitework. Add the enclosed technical specification 02958 Geotextile (Permeable Separator), pages ADM2-6 to AMD2-8 to the Contract Documents.

II. Reference Part II, Bid Schedule, Page II-3

- A. Replace the Bid Schedule with the attached Bid Schedule, Page II-3, marked Addendum No. 2.

III. Reference Part V, Special Conditions, Paragraph 4.3.F

A. Remove Paragraph 43.F.1, Bid Item No. 1, and replace with the following:

1. Bid Item No. 1 – Mobilization

- a. Complete mobilization of equipment and personnel to the project site including bonds, insurance, transportation and other mobilization costs as determined by the Contractor. The total amount for mobilization is limited to 5% of the total bid amount. If the total entered in the bid exceeds this, it will be adjusted downward until this requirement is met prior to awarding of the project. If Contractor has mobilization costs that exceed 5%, they shall be included in other bid items as determined by the Contractor.
- b. Basis of payment shall be for a complete mobilization to the project site.

B. Remove Paragraph 43.F.2, Bid Item No. 2

C. Remove Paragraph 43.F.3, Bid Item No. 3 and replace with the following:

3. Bid Item No. 3 - Removal of Material and Replacement with Chert Base

- a. Complete material, labor and equipment for removal and replacement of base material including, but not limited to, excavation, hauling, chert, disposal of removed material, placement of material, compacting, and all related items for a complete installation meeting the intent of the Contract Documents.
- b. Basis of payment shall be per cubic yard of material removed and replaced by actual field measurements for a complete installation.

D. Reference Paragraph 43.F.10. Roadway Processing for a portion of KC Lane shall be included in Bid Item No. 14

IV. Reference Part VI Technical Specifications, Division 2, Section 02512, Page 02512-4

A. Reference Paragraph 3.10 Field Quality Control. Contractor shall take non-destructive field density tests per ALDOT requirements. Contractor may utilize its employees or an independent testing lab. Testing not required for patching and leveling layers. Tests shall be taken a minimum of: 3 for KC Lane (1 on wearing surface and 1 on upper binder on section nearest Hwy 11; 1 on section behind the shopping center); 1 on Richey Drive; 1 on Mountain Valley Ave; 1 on Watts Avenue; 2 on Watts Drive;

1 on Gregory Drive; 1 on Temple Heights; and, 1 on Chester St. Test locations shall be determined by the Engineer.

- B. Reference Paragraph 3.12 Traffic Control. The Contractor is not required to fully comply with ALDOT Manual. At a minimum, Contractor shall provide flagmen at all ends of construction activities. Signs shall be in place while construction activities are being performed at the entrance to all streets to be paved. The signs may be temporary. Contractor may take any additional traffic control measures he deems necessary.

V. Reference Contract Documents and Specifications, Exhibit "B"

- A. Replace Exhibit "B" with the enclosed marked ADDENDUM No. 2, Page ADM2-10

VI. Reference Plans

- A. On Sheet 2, contractor shall perform Roadbed Processing on the segment from Station 0+66 to 4+48 where the road is to be relocated. All existing pavement shall be taken up and integrated into the proposed roadbed. Where base material, in the opinion of the Engineer, requires replacing, Contractor shall remove the material and replace with a chert base. Refer to Bid Item No. 3
- B. On Sheet 2, Detail "A," change the Detail reference on Note 2 from Detail "B," Sheet 2, to Detail "A," Sheet 4.
- C. On Sheet 2, where noted to install rip-rap, Contractor shall install permeable separator geotextile beneath Class 1 rip-rap. Rip-rap shall cover area as wide as ditch and to the top of the bank.
- D. Replace Detail "A" with the attached Detail "A" on page ADM2-11
- E. Replace Detail "B" with the attached Detail "B" on page ADM2-12
- F. Sheet 4 is hereby added to the plans. Add Detail "A," Sheet 4 on the attached Page ADM2-13.

VII. The following are clarifications based on questions received:

- A. There is not a separate Bid Item for Tack Coat. It is included in the Superpave Bituminous Concrete Bid Item. Refer to Special Conditions, Page V-16, Paragraph 43.F.5.
- B. There is not an asphalt adjustment cost included in this project. Contractor shall include all costs for asphalt in the Superpave Bituminous Concrete Bid Items.
- C. Due to the total disturbed area being less than 1 acre, an NPDES Stormwater Permit from ADEM will not be required. Contractor shall

install Fabric Drop Inlet Protection (FIP) or Block and Gravel Inlet Protection (BIP) at catch basin on KC Lane until area above the basin has been stabilized. For areas where topsoil will be added, it shall be mulched and seeded immediately after installation for stabilization. All materials removed from ditches during ditch excavation shall be removed from the site the same day and disposed of properly. A silt fence shall be installed parallel to the ditch on KC Lane along the entire length of road to be relocated. It shall remain in place until the asphalt binder layer has been added to the roadway. The area between the paving and ditch shall be seeded and mulched, with topsoil addition as directed by the Engineer.

- D. Regarding Traffic Control, the Contractor shall maintain reasonable access to all residences during construction. Where multiple roads access a residence, road may be closed for an extended period but shall be re-opened no later than the end of each day.
- E. Refer to Plan Sheet 1, Note No. 10, for Ditch Excavation Requirements.

THIS ADDENDUM ISSUED THIS 14th DAY OF JUNE, 2017.

LADD ENVIRONMENTAL CONSULTANTS, INC.

James Payton 06/14/17
James Payton, P.E.



Business Privilege License Application – SCHEDULE "G" – Statement of Gross Receipts

Use this form to declare your gross receipts and to calculate the amount of license fee due based on those gross receipts.

Business Name: _____

Gross Receipts: The measure of any and all receipts of the business from whatever source derived.

If gross receipts are:

<u>More than</u>	but	<u>Less than</u>	<u>License Fee is:</u>
.00		75,000	\$ 100.00
75,000		200,000	\$ 150.00
200,000		500,000	\$ 400.00
500,000		800,000	\$ 500.00
800,000		1,000,000	\$ 600.00
1,000,000		2,000,000	\$1,100.00
2,000,000		3,000,000	\$1,600.00
3,000,000		4,000,000	\$2,100.00
4,000,000		and up	\$2,500.00 + \$.35 per M in excess of \$4,000,000 or any part thereof

Enter the Range of Total Yearly Gross Receipts as Listed Above: \$ _____ - \$ _____
(Actual) or (Anticipated if new license)

Gross Receipts License Fee \$ _____

Other License(s) Fee(s) _____

Issuance Fee 10.00

Penalty _____

Total Remittance \$ _____

Under penalty of perjury, I declare that I have examined the information included herein and to the best of my knowledge and belief, it is true, correct and complete. My signature indicates that I take full responsibility for this application and any tax liability and/or penalty that might occur or be imposed as the result of business activities in the Town of Collinsville, Alabama as related to the business for which license is applied for.

Print Name of Owner, Partner, or Officer _____ Title _____
(or other responsible person)

Signature of Owner, Partner, or Officer _____ Date _____
(or other responsible party)

Privacy Notice: The information provided herein is made available only to those specifically authorized and responsible for the administration of the Town's Business Privilege License Ordinance and is not released or otherwise provided to any other person or agency except by order of a court of competent jurisdiction.

ADDENDUM NO. 2

SECTION 02958GEOTEXTILE (PERMEABLE SEPARATOR)PART 1 GENERAL1.01 Section Includes

- A. Geotextile used as a permeable separator between dissimilar materials.

1.02 Related Sections

- A. Applicable to Work of this Section are the Drawings and General Provisions of the Contract, including: Part IV, General and Supplementary Conditions; Part v, Special Conditions; Part VI, Technical Specifications.
- B. See ALDOT Standard Specifications, Section 608.

1.03 Referenced Documents

- A. American Society of Testing and Materials (ASTM).
- B. ALDOT Standard Specifications for Highway Construction.

1.04 Submittals

- A. Submittals shall be in accordance with ALDOT Standard Specifications.

1.05 Qualifications

- A. Manufacturer: Company specializing in the manufacturing of the Products specified in this Section with minimum three years documented experience.
- B. Installer: Company specializing in the installation of the Products specified in this Section with minimum three years documented experience.

1.06 Warranty

- A. Provide minimum one year warranty in accordance with Contract Documents. Warranty period begins with date of acceptance of facility by Owner.

1.07 Field Measurements

- A. Verify that field measurements are as shown on Drawings and as instructed by manufacturer.

1.08 Quality Assurance

- A. Perform Work in accordance with ALDOT Standard Specifications.

1.09 Delivery, Storage and Handling

- A. Deliver, store and handle Products to site under provisions of ALDOT Standard Specifications.
- B. Store and protect Products as instructed by manufacturer in accordance with ALDOT Standard Specifications and as approved by Engineer.

ADDENDUM NO. 2

1.10 Coordination

- A. Coordinate Work with excavation, backfill, grading, compacting (ALDOT Standard Specifications).

PART 2 PRODUCTS

2.01 Description

- A. Geotextile shall be a U.V. stabilized, woven geotextile.
- B. Special additives shall be incorporated to provide high chemical resistance to soils with a pH range between pH 2 and pH 13.
- C. The geotextile shall be used as a permeable separator to prevent mixing of dissimilar materials in foundations, enhancements, and select fill materials.
- D. The geotextile shall be designed to allow passage of water while retaining in situ soil without clogging.
- E. The geotextile shall be in accordance with the following properties, based on average roll values when tested in accordance with ASTM D 4789:

Property	Test Procedure	Minimum Average Values
Grab Tensile Strength	ASTM D 4632	200 lbs
Grab Elongation	ASTM D 4632	15%
Trapezoidal Tear Strength	ASTM D 4533	75 lbs
Mullen Burst	ASTM D 3786	400 psi
Puncture Resistance	ASTM D 4833	95 lbs
Apparent Opening Size	ASTM D 4751	40 US Sieve
Permittivity	ASTM D 4491	0.05 sec-1
Water Flow Rate	ASTM D 4491	4 gpm/ft. ²
U.V. Resistance (500 hrs)	ASTM D 4355	70%

- 2.02 **Manufacturer:** The geotextile shall be Series 200ST as manufactured by Propex Geosynthetics, Chattanooga, TN; Series C200 as manufactured by Contech Construction Products, Inc., West Chester, OH; or approved equal.

PART 3 EXECUTION

3.01 Examination

- A. Verify foundation material has been inspected, gradients and elevations are correct, and are dry.
- B. Verify foundation soil is ready to receive Work and field measurements are as shown on Drawings.
- C. Verify condition of Products. Damaged Products will not be installed.

3.02 Preparation

- A. Protect sites surrounding Work of this Section from damage and disfiguration.
- B. Ensure that the site has been prepared for geotextile installation in accordance with the ALDOT Standard Specifications, and the manufacturer's recommendations.

ADDENDUM NO. 2

- C. Check the Product upon delivery to ensure the proper Product has been received. Store and protect Product as recommended by manufacturer.

3.03 Installation

- A. Install geotextile in accordance with ALDOT Standard Specifications and in accordance with the manufacturer's recommendations, as approved by the Engineer.

- B. Manufacturer's Representative

1. The manufacturer shall provide an experienced representative for a minimum of one day at the start of the installation to assist the Contractor in the proper installation techniques.
2. The manufacturer shall make the representative available on an as needed basis, as requested by the Engineer, during the construction of the Project, at no additional cost to the Owner or Engineer.

3.04 Schedule

- A. See Drawings for location of geotextile.

[GEN]
Rev. 11/07

END OF SECTION

BIDDER agrees to perform all the work described in the Drawings, Bid Documents and Specifications for the following unit prices or lump sum. **NOTE:** BIDS shall include sales tax and all other applicable taxes and fees. (See SPECIAL CONDITIONS, PART V, for explanation of Bid Items.)

BID SCHEDULE

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL
1.	Mobilization	1	LS	\$	\$
2.	RESERVED				
3.	Removal of Material and Replacement with Chert Base along Portion of KC Land to be Re-located as Directed by Engineer	600	CY		
4.	Remove Failed Base and Replace with Crushed Aggregate Base Course	191	TON		
5.	Superpave Bituminous Concrete, Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range A/B, Approximately 165#/Sq. Yd.	1254.1	TON		
6.	Superpave Bituminous Concrete, Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range A/B, Approximately 220 #/Sq. Yd.	180.0	TON		
7.	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range A/B	809.5	TON		
8.	Traffic Control Markings, Class 2, Type A	80	SF		
9.	Topsoil	38.1	CY		
10.	Seeding and Mulching	0.35	AC		
11.	Raise Manholes in Paved Areas	9	EA		
12.	Ditch Excavation, (Richey Drive)	1	LS		
13.	Ditch Excavation, 15" RCP at Driveway (Temple Heights)	1	LS		
14.	Ditch Excavation, 18" RCP, Rip-Rap, 15" RCP, Headwall, Catch Basin, Concrete Flume and Roadbed Processing (KC Lane)	1	LS		

TOTAL BID: \$ _____

ADDENDUM NO. 2

EXHIBIT "B"
QUANTITIES BY STREET

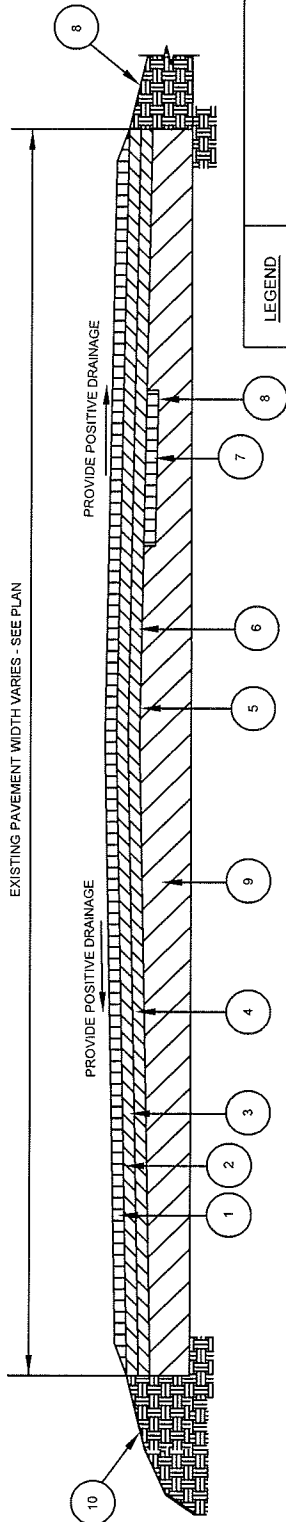
BID ITEM	DESCRIPTION	TOTAL	UNITS	KC Lane	Richey Drive	Gregory Dr, Temple Heights and Chester St	Watts Dr, Watts Ave & Mountain Valley Ave
1	Mobilization	1	LS				
2	RESERVED						
3	Removal of Material and Replacement with Chert Base along Portion of KC Lane to be Relocated as Directed by Engineer	600	CY	600			
4	Remove Failed Base and Replace with Crushed Aggregate Base Course, Type B, Plant Mixed	191	TON			119	72
5	Superpave Bituminous Concrete Wearing Surface Layer, 1/2" Maximum Aggregate Size Mix, ESAL Range A/B, Approximately 165 #/Sq. Yd.	1,254.1	TON	197.7	111.3	439.7	505.4
6	Superpave Bituminous Concrete Upper Binder Layer, 3/4" Maximum Aggregate Size Mix, ESAL Range A/B, Approximately 220 #/Sq. Yd.	180.0	TON	180.0			
7	Superpave Bituminous Concrete Upper Binder Layer, Leveling, 1/2" Maximum Aggregate Size Mix, ESAL Range A/B	809.5	TON	105.3	74.2	293.1	336.9
8	Traffic Control Markings, Class 2, Type A	80	SF	16.0	16.0	16.0	32.0
9	Topsoil	38.1	CY	2.3	6.0	11.2	18.6
10	Seeding and Mulching	0.35	AC	0.06	0.03	0.14	0.12
11	Raise Manholes in Paved Areas	9	EA			2	7
12	Ditch Excavation (Richey Drive)	1	LS		1		
13	Ditch Excavation and 15" RCP at Driveway (Temple Heights)	1	LS			1	
14	Ditch Excavation, 18" RCP, Rip-Rap, 15" RCP, Headwall, Catch Basin, Concrete Flume and Roadbed Processing (KC Lane)	1	LS	1			

NOTES ABOUT QUANTITIES:

1. RESERVED
2. For Bid Item 4, the estimated quantity was obtained by estimating surface area and assuming 2 ft deep. However, the actual quantity will be determined in the field.
3. For Bid Item 9, estimated quantities are based on assumed percentages of area that will require topsoil. The actual quantities will be determined by the Engineer in the field.
4. These quantities are presented for informational purposes only. Quantities in the bid schedule will override if there are any conflicts.

ADDENDUM NO. 2

- NOTE:
1. DEPTH OF PAVING LAYERS ARE NOT TO SCALE.
 2. EXCESS MATERIAL FROM PAVING PROCESS AND SHOULDER GRADING SHALL BE HAULED FROM SITE AND PROPERLY DISPOSED OF.
 3. PROVIDE POSITIVE DRAINAGE ON ALL PAVED AREAS.
 4. MATCH EXISTING PAVING CROSSSECTION WITH NEW ASPHALT UNLESS VARIATION IS REQUIRED TO PROVIDE POSITIVE DRAINAGE.
 5. ROAD SHALL BE THOROUGHLY SWEEPED OF ALL DIRT AND DEBRIS PRIOR TO APPLYING TACK COAT.



NOTE:
THIS SECTION APPLIES ONLY TO KC LANE
FROM IUS HIGHWAY TO TRUCK ENTRANCE
BEHIND SHOPPING CENTER.

ADM2-11

TYPICAL ROADWAY SECTION

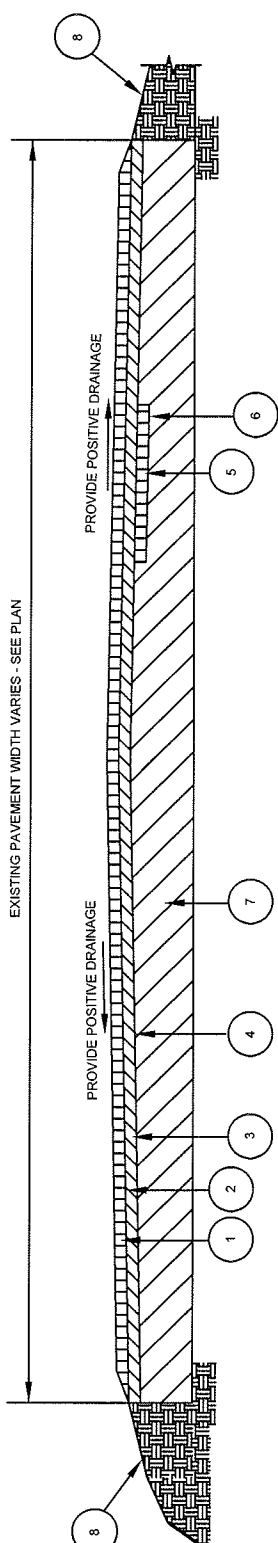
NO SCALE

ADDENDUM NO. 2

LEGEND	DESCRIPTION
①	424A-340 SUPERPAVE BITUMINOUS CONCRETE, WEARING SURFACE LAYER, 1 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE AB, 16S#/SQ. YD.
②	405A-000 TACK COAT FOR WEARING SURFACE
③	424B-635 SUPERPAVE BITUMINOUS CONCRETE, UPPER BINDER LAYER, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE AB, 220#/SQ. YD.
④	405A-000 TACK COAT FOR BINDER
⑤	424B-642 SUPERPAVE BITUMINOUS CONCRETE, UPPER BINDER LAYER, LEVELING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE AB
⑥	405A-000 TACK COAT FOR LEVELING
⑦	424B-639 SUPERPAVE BITUMINOUS CONCRETE, UPPER BINDER LAYER, PATCHING, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE AB
⑧	405A-000 TACK COAT FOR PATCHING
⑨	EXISTING BASE. REMOVE FAILED BASE WHERE DIRECTED AND REPLACE WITH CRUSHED AGGREGATE BASE COURSE
⑩	EXISTING SHOULDER

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 5. ROAD SHALL BE THOROUGHLY SWEEPED OF ALL DIRT AND DEBRIS PRIOR TO APPLYING TACK COAT.



NOTE:
 THIS SECTION APPLIES TO WATTS AVENUE,
 WATTS DRIVE, MOUNTAIN VALLEY AVENUE,
 RUSHEY DRIVE, GREGORY AVENUE,
 TEMPLE HEIGHTS, CHESTER STREET
 AND PORTIONS OF K.C. LANE.



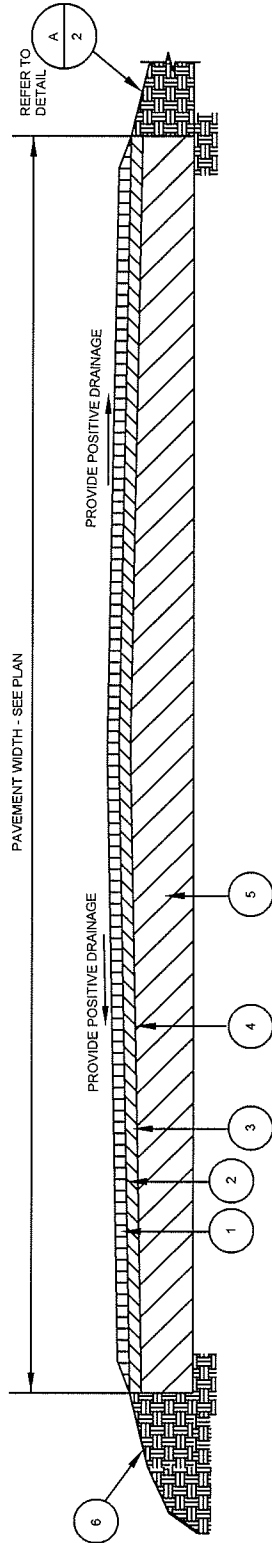
TYPICAL ROADWAY SECTION

NO SCALE

ADDENDUM NO. 2

LEGEND	DESCRIPTION
①	424A-340 SUPERPAVE BITUMINOUS CONCRETE, WEARING SURFACE LAYER, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B, 165#/ SQ. YD.
②	405A-000 TACK COAT FOR WEARING SURFACE
③	424B-642 SUPERPAVE BITUMINOUS CONCRETE, UPPER BINDER LAYER, LEVELING, 1/2" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B
④	405A-000 TACK COAT FOR LEVELING
⑤	424B-639 SUPERPAVE BITUMINOUS CONCRETE, UPPER BINDER LAYER, PATCHING, 3/4" MAXIMUM AGGREGATE SIZE MIX, ESAL RANGE A/B
⑥	405A-000 TACK COAT FOR PATCHING
⑦	EXISTING BASE. REMOVE FAILED BASE WHERE DIRECTED AND REPLACE WITH CRUSHED AGGREGATE BASE COURSE
⑧	EXISTING SHOULDER

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NOTE:
THIS SECTION APPLIES ONLY TO KC LANE.
FROM STA. 0+66 TO 4+48.

ADM2-13



TYPICAL ROADWAY SECTION

NO SCALE

LEGEND	DESCRIPTION
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④	405A-000 TACK COAT FOR BINDER
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ADDENDUM NO. 2

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