



Oregon

Theodore R. Kulongoski, Governor

(Bids to be opened and read July 30, 2009)

Department of Transportation

Technical Services

Roadway Engineering Section

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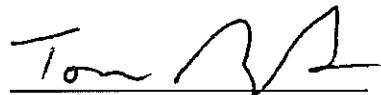
FAX 503-986-3749

DATE: July 23, 2009

Addenda No. 1

TO: PLAN HOLDERS

PREPARED BY:


Tom Szymoniak, PE WHPacific

APPROVED BY:


Tom Szymoniak, WHPacific

SUBJECT: Wasco County Roads: Pavement Overlay
Various Highways
Wasco County
Paving
(Bids to be opened and read July 30, 2009)

The following changes are made to the Project Bid Booklet:

1. The following changes are made to the Project Bid Items:

a. Deleted items:

<u>Number</u>	<u>Item</u>
0090	Minor Adjustment of Manholes

b. Added items:

<u>Number</u>	<u>Item</u>	<u>Unit</u>	<u>Quantity</u>
0160	PAVEMENT LEGEND, TYPE B: BICYCLE LANE STENCIL	EA	6

c. Name changes:

<u>Number</u>	<u>Item</u>
0040	Temporary Flexible Pavement Markers
0130	Level 2, 1/2 Inch Dense MHMAC Mixture

Make a copy of and use the new attached Bid Sheets. A Bid **not** including these new Bid Sheets **will be rejected as non-responsive**.

The following changes are made to the Project Special Provisions:

1. **Section 00150.50 – Cooperation with Utilities (f) Utility Information** – This subsection is replaced with the following:

(f) Utility Information:

There are no anticipated conflicts with the Utilities listed below. Contact those Utilities having buried facilities and request that they locate and mark them for their protection prior to construction.

Utility	Contact Person's Name and Phone Number
1. City of The Dalles	541-296-5401
2. Chenoweth Water PUD	541-296-5363
3. The Dalles Irrigation	541-296-3366
4. Northwest Natural Gas	541-220-2415
5. North Wasco PUD	541-298-3317
6. EmbarQ	541-298-3449
7. Charter Communications	541-255-4634

2. **Section 00165 – Quality of Materials** - This Section is replaced with the following Section:

Comply with Section 00165 of the Standard Specifications modified as follows

00165.10 (a) Field –Tested Materials – Add the following paragraph:

For this Project, use Section 5 of the MFTP. Field-testing materials will be accepted according to the Type D testing program.

3. Subsection **00195.10 Asphalt Cement Material Price Escalation/De-escalation** - This entire subsection is deleted.
4. **Section 00744 Minor Hot Mixed Asphalt Concrete (MHMAC) Pavement** - This Section is replaced with Section 00744. See attachment for full text.
5. **Section 00867 – Transverse Pavement Markings – Legends and Bars** - This Section is added after Section 00860. See attachment for full text.

Wasco County Roads: Pavement Overlay
Various Highway
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Addenda No.1

The following changes are made to the Project Plans:

1. Plan sheets 2, 2B and 2B-1 are replaced with revised plan sheets 2, 2B and 2B-1.

These changes will be included in the Contract for this Project. It is understood that your Bid will be submitted accordingly.

Make copies of the new Bid Sheets to replace the Special Provisions Bid Schedule Sheets.

TS: TS

Attachments: New Bid Sheets
Replaced Special Provisions Section(s)
New Plan Sheet(s)

BID SCHEDULE

CONTRACT ID: 14095

PROJECT: WASCO COUNTY ROADS: PAVEMENT
OVERLAY

PROJECT KEY: 16499

ADDENDUM NUMBER: 1

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
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SECTION 0001 TEMPORARY FEATURES AND APPURTENANCES

0010	0210-0100000A MOBILIZATION	LS ALL		
0020	0225-0100000A TEMPORARY PROTECTION AND DIRECTION OF TRAFFIC	LS ALL		
0030	0225-0102000J TEMPORARY SIGNS	SQFT 448.00		
0040	0225-0149000E TEMPORARY FLEXIBLE PAVEMENT MARKERS	EACH 1,100.00		
0050	0225-0168000T FLAGGERS	HOUR 250.00		
0060	0225-0172000T PILOT CARS	HOUR 80.00		
0070	0280-0100000A EROSION CONTROL	LS ALL		
0080	0290-0100000A POLLUTION CONTROL PLAN	LS ALL		

SECTION 0002 DRAINAGE AND SEWERS

0090	0000-0100000A DELETED BID ITEM	LS ALL	0.00	0.00
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SECTION 0003 BASES

0100	0620-0104000J COLD PLANE PAVEMENT REMOVAL, 0 - 2 INCHES DEEP	SQYD 500.00		
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BID SCHEDULE

CONTRACT ID: 14095

PROJECT: WASCO COUNTY ROADS: PAVEMENT
OVERLAY

PROJECT KEY: 16499

ADDENDUM NUMBER: 1

ITEM NO	ITEM DESCRIPTION	QUANTITY AND UNITS	UNIT PRICE (IN FIGURES)	BID AMOUNT (IN FIGURES)
0110	0640-0101000M AGGREGATE SHOULDERS	410.00 TON		

SECTION 0004 WEARING SURFACES

0120	0730-0100000M EMULSIFIED ASPHALT FOR TACK COAT	15.00 TON		
0130	0744-0202000M LEVEL 2, 1/2 INCH DENSE MHMAC MIXTURE	4,500.00 TON		
0140	0749-0100000E EXTRA FOR ASPHALT APPROACHES	17.00 EACH		

SECTION 0005 PERMANENT TRAFFIC SAFETY AND GUIDANCE DEVICES

0150	0860-0200000F LONGITUDINAL PAVEMENT MARKINGS - PAINT	51,970.00 FOOT		
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SECTION 0006 ADDED BID ITEMS

0160	0867-0131000E PAVEMENT LEGEND, TYPE B: BICYCLE LANE STENCIL	6.00 EACH		
	TOTAL BID			

SECTION 00744 - MINOR HOT MIXED ASPHALT CONCRETE (MHMAC) PAVEMENT

Comply with Section 00744 of the Standard Specifications modified as follows:

00744.02 Definitions – Add the following:

Lot Size: A lot is the total quantity of material or work produced per JMF per project. The following circumstances will require a different lot:

- A new JMF is used.
- The method for measuring compaction is changed.
- A change in one test procedure for measuring asphalt content to another test procedure for measuring asphalt content occurs.

The Engineer may allow material for irregular areas not completed during the main paving operations, such as driveways or guardrail flares to be evaluated as a separate lot.

Sublot Size: A sublot is 1,000 tons of MHMAC or the amount of MHMAC placed in a day if less than 1,000 tons is placed.

00744.11(a) Asphalt Cement - Replace the sentence that begins "Use PG 64-22 or..." with the following sentence:

Use PG 64-28 asphalt on this Project.

00744.13 Job Mix Formula (JMF) Requirements – Replaced the sentence that begins "Provide a JMF for the Project meeting the following..." with the following sentence:

Do not begin production of MHMAC for use on the Project until the JMF is reviewed by the ODOT Pavement Services Engineer and written consent is provided to proceed. A new JMF is required if the asphalt cement grade, any additives, or the source of the aggregate changes during production. Provide a JMF for the Project meeting the following criteria:

00744.16 MHMAC Acceptance - Replace this subsection with the following subsection:

00744.16 MHMAC Acceptance - A CAT-1 shall perform a minimum of one asphalt content, gradation, mix moisture, and Maximum Specific Gravity (AASHTO T 209) test per sublot and provide results to the Engineer by the middle of the following work shift.

MHMAC acceptance for this Project will be according to Type D of the MFTP.

For Independent Quality Assurance testing, the Contractor shall also provide split samples to the Engineer when requested.

Testing for irregular areas not completed during the main paving operations, such as driveways and guardrail flares may be waived upon written notice and accepted visually by the Engineer according to Section 4(B) of the MFTP.

When three or more tests are performed on a project, a price adjustment will be calculated according to 00744.95.

Add the following subsection:

00744.17 Small Quantity Acceptance - When less than three test results are obtained on a project and testing has not been waived by the Engineer, the MHMAC will be accepted according to the following:

(a) Within Specification Limits - If all subplot sample test results are within specification limits for all constituents (including compaction) the material will be accepted and the full bid price will be paid for the material represented by that test.

(b) Outside Specification Limits - If a subplot sample test result for any constituent is outside the specification limit the Engineer will have the backup sample tested.

(1) Backup Within Specifications - If the backup sample test results for all constituents are within specification, the material will be accepted and the full bid price will be paid for the material represented by that test.

(2) Backup Out of Specifications - If the backup sample test results are out of specification, the Contractor may choose to accept the price adjustment calculated according to 00744.95 or may choose to sample the in-place material for further testing. The price adjustments will be computed using all original test results as well as all backup test results. (If there are less than three tests, average the two tests you have and use the average as the third test result). In no case will the composite pay factor (CPF) be greater than 1.0.

(3) In-Place Samples - If the in-place material is sampled, the Engineer will select and sample from three random locations from the area represented by the lot in question. Those samples will be tested and if found to be within specification the material will be accepted and paid for at the full bid price. If the material proves to be outside of the specification limits, the material will be accepted and paid for at an adjusted price according to 00744.95. In no case will the CPF be above 1.0.

00744.49 Compaction - Replace this subsection with the following subsection:

00744.49 Compaction - Immediately after the MHMAC has been spread, struck off, and surface irregularities and other defects remedied, roll it uniformly with rollers meeting the requirements of 00744.24 until compacted to a minimum of 91% of MAMD. Perform finish rolling and continue until all roller marks are eliminated. Determine the density of each subplot by averaging five QC tests performed at random locations by a CDT with the nuclear gauge operated in the backscatter mode according to WAQTC TM 8. Calculate MAMD according to

ODOT TM 305. When less than three sublot test results are obtained on a project, the MHMAC will be accepted according to 00744.17. Perform a minimum of one sublot density test per day. Compaction to specified density will not be required on temporary surfacing, guardrail flares, mailbox turnouts, road approaches, minor pavement repair, and areas of restrict width (less than 8 feet wide) or limit length, regardless of thickness. Compaction in these areas in accordance with Section 00749.45.

00744.80 Measurement - Delete the paragraph that begins "No separate measurement will be made...".

00744.90 Payment - Delete the paragraph that begins "No separate or additional payment will be made for the asphalt tack...".

Add the following subsection:

00744.95 MHMAC Price Adjustments - The Composite Pay Factor (CPF), calculated according to 00165.40 will be applied to the Contract unit price for the pay items of 00744.90 and to the applicable lot quantities. The CPF will be made available to the Contractor within 24 hours of receipt of the required quality control test results. If less than three samples are tested, the CPF will be computed as outlined in 00744.17. The maximum CPF for any case will be 1.0.

Use the following table to determine price adjustments in the CPF for constituents of MHMAC.

Gradation Constituents	Dense Graded MHMAC Type		
	Weighting Factor (f)		
All Aggregate Passing	3/4"	1/2"	3/8"
1"	1		
3/4"	1	1	
1/2"	1	1	1
3/8"	—	—	1
No. 4	5	5	5
No. 8	5	6	6
No. 30	3	3	3
No. 200	10	10	10
Other Constituents			
Asphalt Content	26	26	26
Moisture Content	8	8	8
Compaction	40	40	40

Those MHMAC constituents statistically evaluated will be eligible for a maximum PF of 1.00 (see 00165.50(b-1)), unless otherwise specified.

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If these specifications do not require measurement of a constituent, its individual PF will be considered 1.00 in calculating the CPF according to 00165.40.

A price adjustment will be determined by the following formula:

$$(CPF - 1) \times \text{MHMAC Unit Price} \times (LQ) = \underline{\hspace{2cm}}$$

Where: LQ is the quantity of mixture in the lot

SECTION 00867 - TRANSVERSE PAVEMENT MARKINGS - LEGENDS AND BARS

Comply with Section 00867 of the Standard Specifications modified as follows:

00867.90 Payment - Replace this subsection, except for the subsection number and title, with the following:

The accepted quantities of work performed under this Section will be paid for at the Contract unit price, per unit of measurement, for the following items:

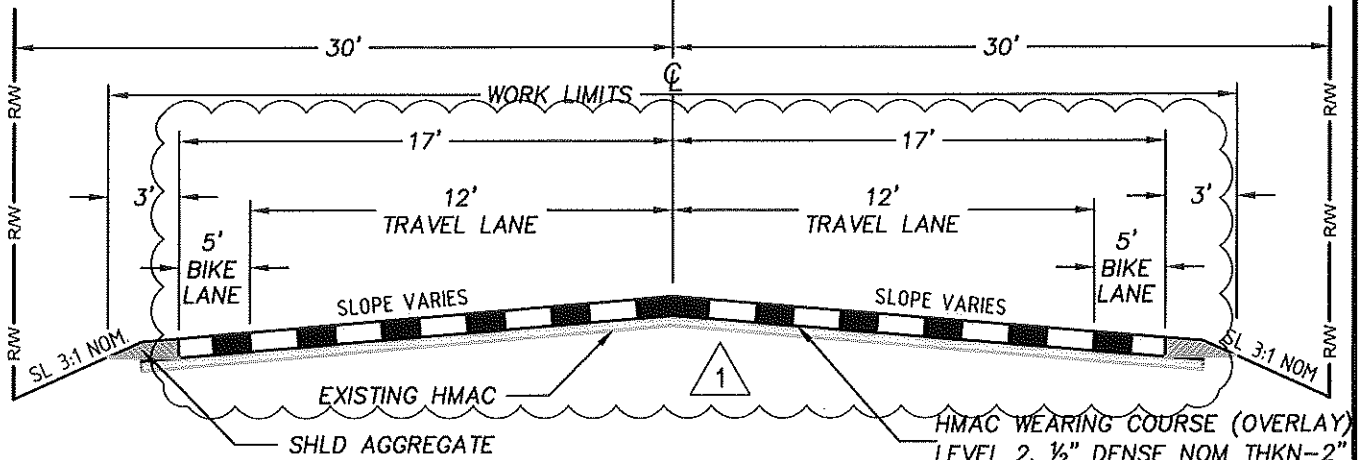
Pay Item	Unit of Measurement
(a) Pavement Legend, Type B : Bicycle Lane Stencil	Each

Item (a) includes the bike lane stencil and arrow.

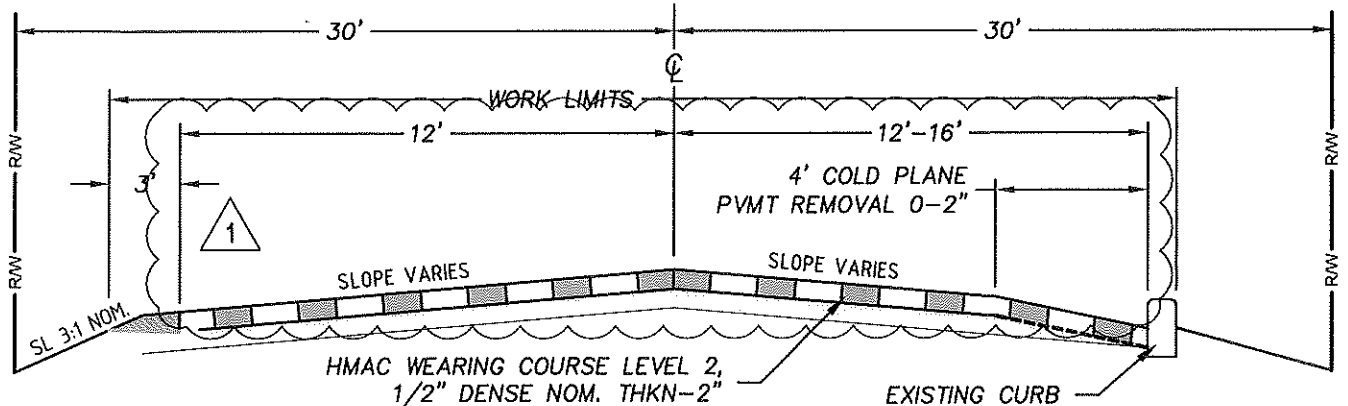
Payment will be payment in full for furnishing and placing all materials, and for furnishing all equipment, labor, and incidentals necessary to complete the work as specified.

Payment for work under this Section will be limited to 75% of the amount due until the Agency has received the signed warranty.

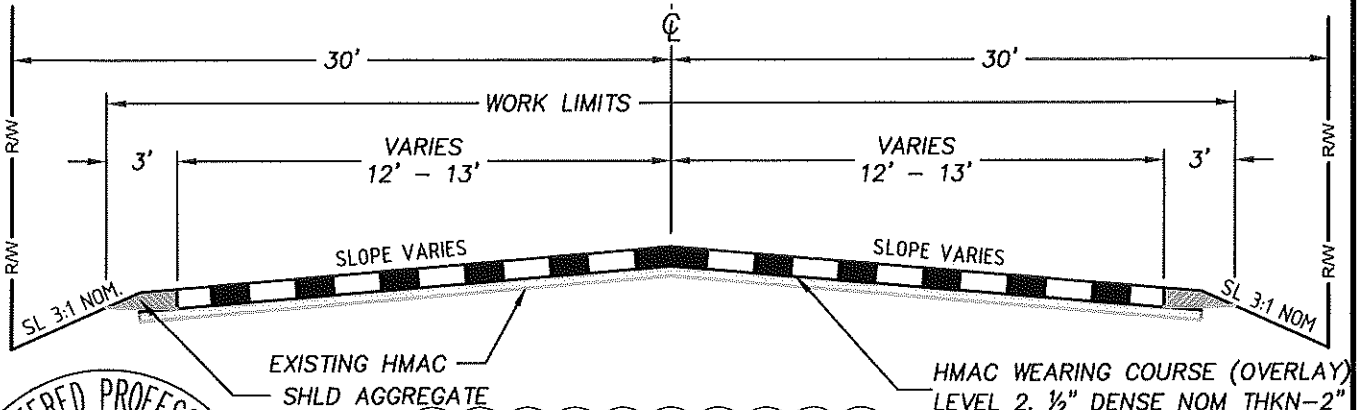
WASCO COUNTY ROADS: PAVEMENT OVERLAY VARIOUS HIGHWAYS WASCO COUNTY



STA. "W 10TH" 0+00 TO STA. "W 10TH" 22+60



"MILL" STA: 0+00 TO STA: 3+30



STA. "CH" 0+00 TO STA. "CH" 88+00
STA. "MILL" 3+30 TO STA. "MILL" 61+10

NOTE:

1. NO STAGING OF EQUIPMENT OR MATERIALS SHALL BE OUTSIDE THE LIMITS OF THE EXISTING GRAVEL SHOULDERS
2. COLD PLANE PAVEMENT REMOVAL AT BEGINNING AND END OF PROJECTS. (SEE RD611)



EXP. 06/30/10

1 ADDENDUM NO.1

DESIGNED BY: TS
DRAFTED BY: KLL



SHEET No.
2

CBRIDGES

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3-Jun-2009

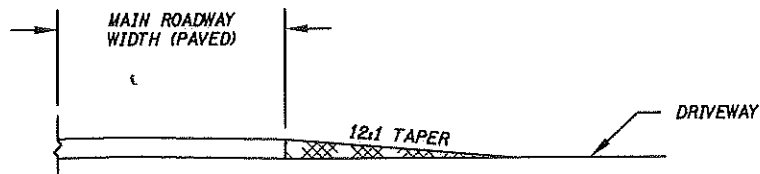
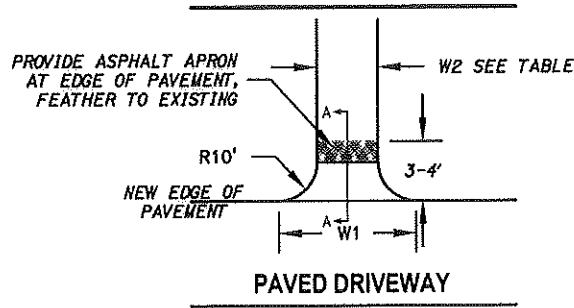
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WASCO COUNTY ROADS: PAVEMENT OVERLAY

VARIOUS HIGHWAYS

NOTE:

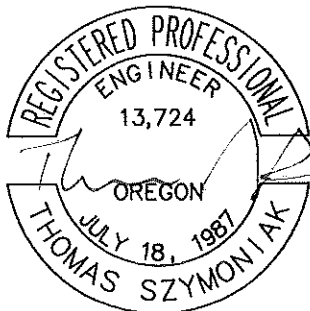
1. UNPAVED DRIVEWAYS SHALL BE FEATHERED WITH SHOULDER AGGREGATE. LEAVE A 3'-4' ABRUPT EDGE WITH OVERLAY.
2. ALL WORK SHALL BE WITHIN THE PUBLIC RIGHT OF WAY.



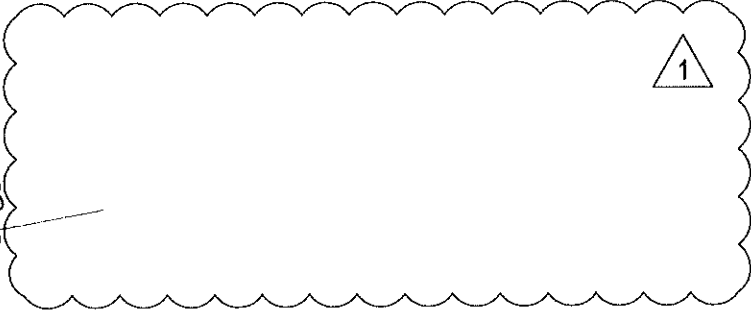
DRIVEWAY APPROACHES

Driveway Approaches Table

BEGINNING STATION	END STATION	W1, FT	W2, FT	SIDE	SURFACE
"MILL" 6+10	"MILL" 6+46	36	12	L	PAVED
"MILL" 7+35	"MILL" 7+66	21	12	L	PAVED
"MILL" 47+19	"MILL" 47+45	36	12	L	PAVED
"MILL" 47+50	"MILL" 47+90	40	12	R	PAVED
"MILL" 29+13	"MILL" 30+00	55	12	R	PAVED
"CH" 21+06	"CH" 21+60	50	12	L	PAVED
"CH" 49+82	"CH" 50+08	26	12	L	PAVED
"CH" 51+40	"CH" 51+90	40	12	L	PAVED
"CH" 24+00	"CH" 24+20	20	12	R	PAVED
"CH" 9+46	"CH" 9+76	30	12	R	PAVED
"CH" 3+30	"CH" 3+80	40	12	R	PAVED



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1 ADDENDUM NO.1

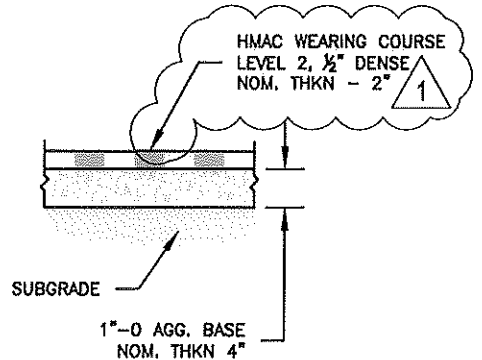
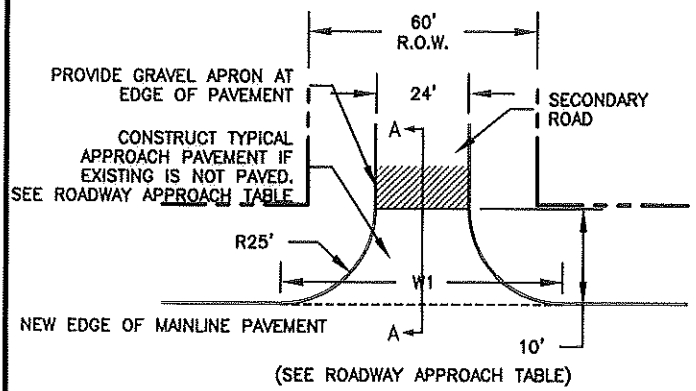
DESIGNED BY: TS
DRAFTED BY: KLL



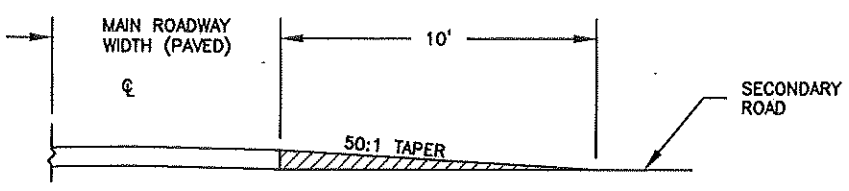
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WASCO COUNTY ROADS: PAVEMENT OVERLAY VARIOUS HIGHWAYS WASCO COUNTY



TYPICAL APPROACH PAVEMENT SECTION



APPROACH PAVEMENT TYPICAL SECTION A-A

NOTE:

DO NOT STAGE EQUIPMENT OR MATERIALS OUTSIDE OF EXISING GRAVEL SHOULDERS.

Roadway Approach Table						
BEGINNING STATION	END STATION	W1, FT	SIDE	SURFACE	SREET	REMARKS
"MILL" 3+42	"MILL" 3+80	38	R	PAVED	DENTON ST.	
"CH" 30+45	"CH" 30+69	25	L	GRAVEL	AUSSIE WAY	ADD PVMT SECTION
"CH" 29+41	"CH" 29+21	25	R	GRAVEL	AYERS DR.	ADD PVMT SECTION
"CH" 53+50	"CH" 53+75	25	L	PAVED	SANDLON DR.	



EXP. 06/30/10

1 ADDENDUM NO.1

DESIGNED BY: TS		SHEET No.
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