

CITY OF NEWBERG - CONTRACT CHANGE ORDER NO. 6
January 19, 2001

Project: River Street Sanitary Sewer Improvements Project
Contractor: W.A. Jones Co.
Bid Item: Re-construct portion of Sheridan Street east of Meridian Street
Account #: 4-5150-702138 (STP 99 - Various Streets)

CITY OF NEWBERG
CITY RECORDER INDEX NO. 1773

THE CONTRACT IS HEREBY CHANGED AS FOLLOWS:

1. Description: Part of existing Sheridan pavement failed due to insufficient rock base and repeated loading from heavy construction equipment. The contractor shall remove existing asphalt and core to new subgrade, 1 foot below existing pavement at centerline and 1.5 feet at curb. Paving section shall be 6" of base rock, 3" of leveling rock and 3" of asphaltic concrete in two lifts per City standard. Concrete curb shall remain in place. The reconstruction area (approximately fourteen hundred square feet of pavement) extends from the east curb line of Meridian Street, east to an area marked by Steve Biddle at the first lateral on the south side of Sheridan Street, and between the south side of the 21" sanitary sewer trench and the curb on the south side of Sheridan Street. The work shall include one compaction test each for base rock, first lift and final lift (a total of 3 tests per City Inspector), traffic control per MUTCD, all necessary rim adjustment, erosion control and restoration to the satisfaction of the City. A two-year warranty shall apply upon acceptance. Sheridan Street will be closed during street reconstruction but local access for homeowners and emergency service vehicles will be made available. Price includes material in place, labor and equipment utilization. Price is a lump sum of *four thousand three hundred and forty dollars and no cents*.

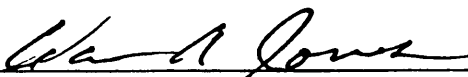
ITEM #	ITEM	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
1	Reconstruct part of Sheridan Street (East of Meridian)	1	4,340.00	\$ 4,340.00
	NET CHANGE			\$ 4,340.00

2. Cost Summary	Original Contract Amount			\$ 878,873.60
	Net Change by Previous Change Orders		#1 (\$180.73) #2 (\$12,500.00) #3 (\$3,500.00) #4 (\$1,465.26) #5 (\$60,230.00)	\$ 77,875.99
	Previous Total			\$ 956,749.59
	This Change Order			\$ 4,340.00
	New Contract Amount to Date			\$ 961,089.59

- 3. Time Extension:** Two (2) days.
- 4. Contract Completion Date:** January 30, 2001.

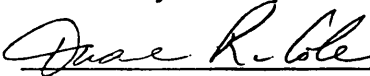
All other provisions of the contract documents remain in full force.

5. ACCEPTANCE SIGNATURES:

 1-19-01
 Warren Jones Date

WARREN A JONES
 Print Name

 01-19-01
 City of Newberg Date
 Michael Soderquist, P.E., DEE
 Community Development Director

 01-19-2001
 City of Newberg Date
 Duane R. Cole
 City Manager

CITY OF NEWBERG - CONTRACT CHANGE ORDER NO. 5
January 18, 2001

Project: River Street Sanitary Sewer Improvements Project
Contractor: W.A. Jones Co.
Bid Item: Re-construct Vermillion Street between College and Meridian.
Account #: 4-5150-702138 (STP 99 - Various Streets)

CITY OF NEWBERG
CITY RECORDER INDEX NO. 1773

THE CONTRACT IS HEREBY CHANGED AS FOLLOWS:

1. Description: Existing Vermillion pavement failed due to lack of adequate rock base and repeated loading from heavy construction equipment. The contractor shall remove existing asphalt and core to new subgrade, 1 foot below top of curb at centerline and 1.5 feet at curb. Paving section shall be 6" of base rock, 3" of leveling rock and 3" of asphaltic concrete in two lifts per City standard. Concrete curb shall remain in place. The reconstruction area (approximately nineteen thousand square feet of pavement) extends from the west curb line of Meridian Street, west to an area marked by Steve Biddle at the intersection of Vermillion and College Streets. The work includes reconstruction to the returns on Edwards Street at the tee intersection of Edwards and Vermillion Streets. The work shall include six compaction tests each for base rock, first lift and final lift (a total of 18 tests per City Inspector), traffic control per MUTCD, all necessary rim adjustment, erosion control and restoration to the satisfaction of the City. A two-year warranty shall apply upon acceptance. Vermillion Street will be closed during street reconstruction but local access for homeowners and emergency service vehicles will be made available. Price includes material in place, labor and equipment utilization. Price is a lump sum of *sixty thousand two hundred and thirty dollars and no cents*.

ITEM #	ITEM	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
1	Reconstruct Vermillion St. (College to Meridian)	1	60,230.00	\$ 60,230.00
	NET CHANGE			\$ 60,230.00

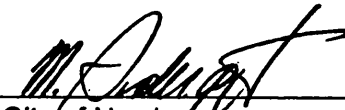
2. Cost Summary	Original Contract Amount			\$ 878,873.60
	Net Change by Previous Change Orders		#1 (\$180.73) #2 (\$12,500.00) #3 (\$3,500.00) #4 (\$1,465.26)	\$ 17,645.99
	Previous Total			\$ 896,519.59
	This Change Order			\$ 60,230.00
	New Contract Amount to Date			\$ 956,749.59

- 3. Time Extension:** Nine (9) days.
- 4. Contract Completion Date:** January 26, 2001.

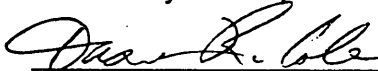
All other provisions of the contract documents remain in full force.

5. ACCEPTANCE SIGNATURES:

 1-19-01
Warren Jones Date

 01-19-01
City of Newberg Date
Michael Soderquist, P.E., DEE
Community Development Director

WARREN A. JONES
Print Name

 01-19-2001
City of Newberg Date
Duane R. Cole
City Manager

W. A. JONES CO.

CCB #88300
25540 SW Grahams Ferry Rd.
Sherwood, OR 97140
(503) 570-0603
(503) 570-1174 FAX

*respond w/ C.O. #8
2/12/01
P.C.*

February 6, 2001

City of Newberg
414 E. First Street
P.O. Box 970
Newberg, OR 97132

Attn: Mr. Paul Chiu, P.E.

Re: River Street Sewer Project, File #6315
Change Order # 5 - Vermillion Street Reconstruction
Adjusted Square Yard Price for Repair of Subgrade

Dear Mr. Chiu,

The additional areas marked today for overexcavation, along with the 109 square yards marked February 2, 2001, total approximately 287 square yards.

The cost to remove the finish rock, base rock, and fabric, then replace fabric, base rock, and regrade the finish rock to the condition prior to the removal is now \$16.24 per square yard, instead of the \$21.15 per square yard proposed On the 2nd of February.

This price does not include the overexcavation. That price is still the agreed amount of \$12.80 per square yard.

Sincerely,



Warren A. Jones
President
W.A. Jones Co.

Cc: file

CITY OF NEWBERG - CONTRACT CHANGE ORDER NO. 4
January 17, 2001

Project: River Street Sanitary Sewer Improvements Project

Contractor: W.A. Jones Co.

CITY OF NEWBERG
CITY RECORDER INDEX NO. 1773

Bld Item: Construct in place (hand digging, testing, hook-up and backfill) 4" ABS to eliminate a shared sewer lateral at 415 N. Meridian Street

Account #: 4-5150-706325 (Lateral Replacement)

THE CONTRACT IS HEREBY CHANGED AS FOLLOWS:

1. Description: Install a permanent 4" sewer lateral extended from the right-of-way into the backyard of residential property at 415 N. Meridian Street. The house will no longer be sharing the same sewer lateral with an adjacent home. The site precludes the use of heavy equipment. Price includes 7 man hours locating the shared building sewer and 24.5 man hours installing a separate new sewer lateral for existing home. Price is a lump sum of one thousand four hundred and sixty-five dollars and twenty-six cents.

ITEM #	ITEM	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
1	Install in-place 4" new building sewer (hand dig)	1	1,465.26	\$ 1,465.26
	NET CHANGE			\$ 1,465.26

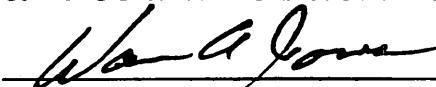
2. Cost Summary	Original Contract Amount		\$ 878,873.60
	Net Change by Previous Change	#1 (\$180.73) #2 (\$12,500.00) #3 (\$3,500.00)	\$ 16,180.73
	Previous Total		\$ 895,054.33
	This Change Order		\$ 1,465.26
	New Contract Amount to Date		\$ 896,519.59

3. Time Extension: None.

4. Contract Completion Date: No change.

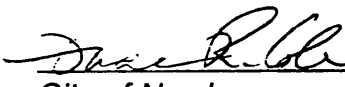
All other provisions of the contract documents remain in full force.

5. ACCEPTANCE SIGNATURES:

 1-19-01
Warren Jones Date

WARREN A. JONES
Print Name

 01-19-01
City of Newberg Date
Michael Soderquist, P.E., DEE
Community Development Director

 1-19-01
City of Newberg Date
Duane R. Cole
City Manager

W. A. JONES CO.

CCB #88300
25540 SW Grahams Ferry Rd.
Sherwood, OR 97140
(503) 570-0603
(503) 570-1174 FAX

December 12, 2000

City of Newberg
414 E. First Street
P.O. Box 970
Newberg, OR 97132

Attn: Mr. Paul Chiu, P.E.

Re: River Street Sewer Project, File #6315
Change Order # 4 - Lateral @ 415 N. Meridian

Dear Mr. Chiu,

As per our discussions of November 29th, we hand dug and installed 4" ABS pipe to connect the existing service lateral to our lateral stub on the 30th of November.

Our agreement for this work was to be executed under Change Order # 4. We agreed to preform work on a time and material bases with a not to excede limit of \$1500.00.

On November 22nd, we had 7 man hours of searching inside the property lines for this lateral. On November 30th, we had 24.5 man hours installing this portion of the lateral. The material cost was \$109.58. These hours and material cost included hand digging, installation, testing, hook-up, and backfill.

Labor	31.5 hrs	@	\$36.97	=	\$1,164.56
Material	Lump Sum	@	\$109.58	=	\$ 109.58
			Sub - total	=	\$1,274.14
			Profit and Overhead	x 15 %	\$1,465.26

Sincerely,


Warren A. Jones

CITY OF NEWBERG
CONTRACT CHANGE ORDER NO. 2
August 30, 2000

CITY OF NEWBERG
CITY RECORDER INDEX NO. 1773

Project: River Street Sanitary Sewer Improvements Project
Contractor: W.A. Jones Co.
Bid Item: Strip of Center Street
Account #: 4-5150-706315

THE CONTRACT IS HEREBY CHANGED AS FOLLOWS:

1. Description: Reconstruct a 7' wide strip of Center Street between sanitary sewer Stations 22+90 to 28+50 and adjacent to the west edge of sanitary sewer trench. Use 6" of 1-1/2"-0 base rock, 3" of 3/4"-0 level course, and 3" of Class "C" asphaltic concrete placed in 2-1-1/2" lifts. Price includes all excavation and removal of spoils. Asphaltic concrete paving will be performed in conjunction with trench paving. Unit bid price: \$3.10/sq.ft.

ITEM #	ITEM	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
	Strip of Center Street	1	12,500.00	\$ 12,500.00
	NET CHANGE <i>(MAXIMUM)</i>			\$ 12,500.00

WAS

2. Cost Summary	Original Contract Amount		\$ 878,873.60
	Net Change by Previous Change Orders	#1	\$ 180.73
	Previous Total		\$ 879,054.33
	This Change Order		\$ 12,500.00
	New Contract Amount to Date		\$ 891,554.33

3. Time Extension: None.

4. Contract Completion Date: No change.

All other provisions of the contract documents remain in full force.

5. ACCEPTANCE SIGNATURES:

Warren Jones 8-30-00
Warren Jones Date

WARREN A. JONES
Print Name

Michael Soderquist 8-30-00
City of Newberg Date
Michael Soderquist, P.E., DEE
Community Development Director

Duane R. Cole
City of Newberg Date
Duane R. Cole
City Manager

CITY OF NEWBERG
CONTRACT CHANGE ORDER NO. 1
August 15, 2000

CITY OF NEWBERG
CITY RECORDER INDEX NO. 1773

Project: River Street Sanitary Sewer Improvements Project
Contractor: W.A. Jones Co.
Bid Item: Manhole #E-2 at Sta. 10+05
Account #: 4-5150-706315

THE CONTRACT IS HEREBY CHANGED AS FOLLOWS:

1. **Description:** Tie-in at Manhole #E-2 at Station 10+05.

ITEM #	ITEM	ESTIMATED QUANTITY	UNIT PRICE	AMOUNT
	Tie-in at manhole #E-2 at Station 10+05	1	180.73	\$ 180.73
	NET CHANGE			\$ 180.73

2. Cost Summary	Original Contract Amount		\$ 878,873.60
	Net Change by Previous Change Orders	#	\$ 0.00
	Previous Total		\$ 878,873.60
	This Change Order		\$ 180.73
	New Contract Amount to Date		\$ 879,054.33

3. **Time Extension:** None.

4. **Contract Completion Date:** No change.

All other provisions of the contract documents remain in full force.

5. ACCEPTANCE SIGNATURES:

Warren Jones 8-17-00
Warren Jones Date

Warren Jones
President, W.A. Jones Co.

Michael Soderquist 8-23-00
City of Newberg Date
Michael Soderquist, P.E., DEE
Community Development Director

Duane R. Cole 8/23/2000
City of Newberg Date
Duane R. Cole
City Manager

03M 37367

See Oregon Administrative Rule, Chapter 734, Division 55

GENERAL LOCATION

HIGHWAY NAME AND ROUTE NUMBER

Hillsboro-Silverton (Or. Rt. 219)

HIGHWAY NUMBER

140

COUNTY

36 = YAMHILL

BETWEEN OR NEAR LANDMARKS

Mission St. and Deskins St.

HWY. REFERENCE MAP

7B-35-8

DESIGNATED FREEWAY

☐ YES ☒ NO

IN U.S. FOREST

☐ YES ☒ NO

PURPOSE OF APPLICATION
(TO CONSTRUCT/OPERATE/MAINTAIN)

☐ POLE
LINE

TYPE

MIN. VERT. CLEARANCE

☐ BURIED
CABLE

TYPE

☒ PIPE
LINE

TYPE

Sanitary Sewer

APPLICANT NAME AND ADDRESS

Newberg, City of

719 E. First St.

Newberg, OR 97132

Attn.: Paul Chiu, PE, Engineering Division

MISCELLANEOUS OPERATIONS AND/OR
FACILITIES AS DESCRIBED BELOW

BOND REQUIRED

☒ YES ☐ NO

REFERENCE:

OAR 734-55
035(2)

AMOUNT OF BOND

\$10,000

INSURANCE

☒ YES ☐ NO

REFERENCE:

OAR 734-55
035(1)

SPECIFIED COMP. DATE

March 1, 2001

DETAIL LOCATION OF FACILITY(For more space attach additional sheets)

MILE POINT	MILE TO POINT	ENGINEERS STATION	ENGINEERS TO STATION	SIDE OF HWY OR ANGLE OF CROSSING	DISTANCE FROM		BURIED CABLE OR PIPE		SPAN LENGTH
					CENTER OF PVMT	R/W LINE	DEPTH/VERT.	SIZE AND KIND	
19.69	19.77	510+00	514+30	west	10.0 ft	20.0 ft	per dwg.	21" PVC	480 ft
19.86		519+00		90 deg	R/WtoR/W		profile. ditto	21" PVC	60 ft

DESCRIPTION AND LOCATION OF NON-COMMERCIAL SIGNS OR MISCELLANEOUS OPERATIONS FACILITIES

SPECIAL PROVISIONS (FOR MORE SPACE ATTACH ADDITIONAL SHEETS)

TRAFFIC CONTROL REQUIRED

1 ☒ YES [OAR 734-55-025(6)]

☐ NO

- OPEN CUTTING OF PAVED OR SURFACED AREAS ALLOWED?

2 ☒ YES [OAR 734-55-100(2)]

☐ NO [OAR 734-55-100(1)]

3 AT LEAST 48 HOURS BEFORE BEGINNING WORK, THE APPLICANT OR HIS CONTRACTOR SHALL NOTIFY THE DISTRICT REPRESENTATIVE AT

TELEPHONE NUMBER: Dave Chuculate (503)

OR FAX A COPY OF THIS PAGE TO THE DISTRICT OFFICE AT:

(503) 986-2881

SPECIFY TIME AND DATE IN THE SPACE BELOW.

4 WITHIN 30 DAYS OF COMPLETION OF THE PROJECT THE ATTACHED NOTICE OF COMPLETION POSTCARD SHALL BE SIGNED AND RETURNED TO THE DISTRICT OFFICE.

5 A COPY OF THIS PERMIT AND ALL ATTACHMENTS SHALL BE AVAILABLE AT THE WORK AREA DURING CONSTRUCTION.

6 ORS 757.54 TO 757.571 REQUIRES EXCAVATORS TO LOCATE AND PROTECT ALL EXISTING UNDERGROUND UTILITIES. YOU MAY BE HELD LIABLE FOR DAMAGES. CALL FOR UTILITY LOCATES. CALL BEFORE YOU DIG. 1-800-332-2344

COMMENTS

See attached Special and General Provisions.

IF THE PROPOSED APPLICATION WILL AFFECT THE LOCAL GOVERNMENT, THE APPLICANT SHALL ACQUIRE THE LOCAL GOVERNMENT OFFICIAL'S SIGNATURE BEFORE ACQUIRING THE DISTRICT MANAGER'S SIGNATURE.

LOCAL GOVERNMENT OFFICIAL SIGNATURE

X *[Signature]*

APPLICANT

X *[Signature]*

APPLICATION DATE

7-13-00

TITLE

COMMUNITY DEV'T DIRECTOR

TITLE

PROSIDENT H.A. BROS G

DATE

7-7-00

TELEPHONE NO.

When this application is approved by the Department, the applicant is subject to, accepts and approves the terms and provisions contained and attached: and the terms of Oregon Administrative Rules, Chapter 734, Division 55, which is by this reference made a part of this permit.

DISTRICT MANAGER OR REPRESENTATIVE

X *[Signature]*

APPROVAL DATE

7/14/2000

SPECIAL PROVISIONS

**Hillsboro--Silverton Highway
Oregon Route 219
Permit applies to MP 19.69 to MP 19.86**

Applicant: City of Newberg, Community Development Department
Type of relocation/adjustment work: 21-inch sanitary sewer facility
Specified Completion Date: March 1, 2001

<u>No.</u>	<u>Special Provision</u>
7	Project may involve environmentally sensitive area(s). Applicant/permittee shall be responsible and liable for (1) investigating presence/absence of any legally protected or regulated environmental resource(s) in the action area; (2) determining any and all restrictions or requirements that relate to the proposed actions, and complying with such, including but not limited to those relating to hazardous material(s), water quality constraints, wetland, archeological or historic resource(s), state and federal threatened or endangered species, etc.; (3) complying with all federal, state, and local laws, regulations, rules and ordinances, whether environmental in nature or other, pertaining to the proposed action, and obtaining all required and necessary permits and approvals. If applicant/permittee impacts a legally protected/ regulated resource, applicant/permittee shall be responsible for all costs associated with such impact, including, but not limited to all costs of mitigation and rehabilitation, and shall indemnify, defend and hold harmless ODOT for such impacts and be responsible and liable to ODOT for any costs or claims that ODOT may have.
8	Erosion controls shall be employed, maintained and adjusted, as necessary, under the direction of the District Manager or his representative. During utility construction, runoff from the work site(s) shall be controlled, whereby, increased sediments resulting from soil disturbance shall be retained on-site. <i>Erosion control measures are (but not limited to) temporary drainage diversions, sediment traps, barriers, check dams, matting of straw mulch or other methods as necessary to prevent and/or minimize negative impacts to water quality and related natural resources.</i>

Applicant D ODOT Rep. 7-14-00 Date

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At the end of each shift, Utility will protect disturbed ground by spreading a 1-inch thick straw mulch mat. Once work area(s) is(are) complete, a hand casted local common grass seed variety(ies) shall be spread and lightly covered with straw.

Utility equipment shall leave and enter the highway using clean gravel approaches. Soiled equipment shall be cleaned while resting on the gravel approaches. Soil shall not be tracked onto the highway road surface. Utility shall maintain and restore gravel approaches (as directed by the Project Manager) to an as is or better condition.

ORS 570.570 states, "contractors duty to clean machinery before moving, weed infested residue not to be moved; no person operating or having control of any machinery shall move said machinery over any public road without first thoroughly cleaning it."

9

All business and resident driveway access approaches shall be kept open. Approaches may be restricted to temporary one-way traffic movement for not more than one (1) access approach per business or residence in a one-week period. Temporary graveled surface may be constructed to open approach for a full-width traffic operation. Temporary graveled approaches shall be maintained daily, or as directed by ODOT project representative.

10 All work shall be according to the relocation plans submitted and approved, as noted, by ODOT Region Utility Specialist, Guy Johnson. Any proposed changes to the plans shall again be submitted to Mr. Johnson for approval.

11 Should traffic control be needed, it shall conform to the requirements of the ODOT Short Term Traffic Control Manual, 1998 edition. Flaggers to possess current flagging certificates. 48-business hours prior to setting up traffic control, a traffic control plan shall be reviewed and approved by Dave Chuculate. His fax number is (503) 986-2881.

12 All water from trench de-watering that enters highway drainage system shall be treated. Treatment shall consist of containing silted water and allowing the settlement of particulate matter before discharge off work site. Applicant shall be under the direction of the Project Manager or his representative if enhanced drainage treatments are necessary to protect the environment.

13 Abandon or inactive sanitary sewer line(s) allowed to remain within highway right-of-way, as a result of permitted utility construction, shall continue to be

Applicant



ODOT Rep. 7-14-00 Date

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located and marked according to Chapter 952, Division 1 of the Oregon Administrative Rules (a.k.a. "OUNC call-before you dig rules"), and shall remain as part of Applicant's ownership of said facilities.

Applicant

10

ODOT Rep. 7-14-00 Date

GENERAL PROVISIONS FOR POLELINE, PIPELINE AND BURIED CABLE PERMITS

03M 37367

APPLICANT City of Newberg HIGHWAY Hillsboro-Silverton MP 19.69-19.86

WORKSITE

1. ✓ Applicant must call for utility locates before digging (1(800) 332-2344). You may be held liable for damages.
2. ✓ Applicant shall have a copy of this permit and all attachments at the work site, available to the District Maintenance Manager or representative at their request.
3. Contractor to acknowledge receipt of and review of, by letter, the Oregon Administrative Rules (Chapter 734-55) governing miscellaneous facilities and operations on the highway right of way as the governing provisions of this permit or agreement.
4. Access control fence must be maintained during construction and restored to it's original or better condition after construction is complete.
5. ✓ The permittee shall not use the right of way to display advertising signs or merchandise of any kind.
6. ✓ The stopping and parking of vehicles upon State Highway right of way for the maintenance of adjoining property or in furtherance of any business transaction or commercial establishment is prohibited.
7. ✓ All grass and small brush within the work area shall be rotary or flail mowed to ground level prior to the beginning of work to facilitate clean up. Disturbed areas shall be re-seeded with grass native to the area in an appropriate seeding time. Applicant must obtain an *Application and Permit for Trimming or Spraying Trees (Form 734- 3281)* prior to the cutting of trees or brush upon the State Highway right-of-way.
8. ✓ The spreading of mud or debris upon any State Highway is strictly prohibited and violation shall be cause for immediate cancellation of the permit. Clean up shall be at the applicant's expense. The highway shall be cleaned of all dirt and debris at the end of each work day, or more frequently if so determined by the District Manager or representative.
9. ✓ All equipment shall be parked off the right-of-way or in areas acceptable to the District Manager or representative.
10. ✓ Permittee shall replace any landscape vegetation or fences that are destroyed. Any damage that is not fully recovered within 30 days (weather permitting) shall be replaced by ODOT at the expense of the permittee. A "plant establishment" shall be understood to be part of the planting work to assure satisfactory growth of planted materials. The plant establishment period will begin when the original planting and all

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landscape construction has been completed and approved. The length of the establishment period will be one calendar year or as defined in the Special Provisions.

11. Applicant will install and maintain landscaped area as shown on the attached drawings. Planting shall be limited to low growing shrubs, grass or flowers that do-not attain sufficient height to obstruct clear vision in any direction. The Commission or Engineer shall have the right to remove said landscaping at any time such removal may appear to the Commission to be in the public interest, without liability or loss, injury, or damage or any nature whatsoever.

TRAFFIC

27. ✓ The work area during construction or maintenance performed under the permit provisions shall be protected in accordance with the current Manual on Uniform Traffic Control Devices for Streets and Highways, US Department of Transportation, and the Oregon Department of Transportation Short Term Traffic Control Handbook and supplements thereto. Flaggers must have a card or certificate indicating their completion of an approved work zone traffic control course. All traffic control devices shall be maintained according to the A.T.S.S.A. Quality Standards for Work Zone Traffic Control Devices handbook.
28. ✓ Contractor to provide a detailed traffic control plan for each phase of the work, showing signs and cones. Plans to be submitted for approval by the District Manager or representative in advance of construction of maintenance.
29. ✓ All damaged or removed highway signs shall be replaced by the applicant. Installation shall be according to MUTCD standards or District Manager's specifications, and shall be completed as so as possible no later than the end of the work shift.
30. ✓ No work will be permitted on the roadway during hours of darkness, nor between 6:00 AM and 9:00 AM, or 3:00 PM and 6:00 PM without prior authorization of the District Manager or representative.

DRAINAGE

31. On site storm drainage shall be controlled within the applicants property. No blind connections to existing state facilities.
32. ✓ Excavation shall not be done on the ditch slopes. Trench excavation shall either be at ditch bottom or outside the ditch area. (Minimum depth at bottom of ditch-36", minimum depth at the outside of ditch-42")
33. ✓ Only earth or rock shall be used as fill material and shall slope so as not to change or adversely affect

____ Applicant ODOT Rep 7-14-00 Date

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existing drainage. Fine grade and seed the finished fill with native grasses to prevent erosion.

34. All water discharged to an ODOT drainage system will be treated prior to discharge. All requests for connection to an ODOT storm sewer system will meet any requirements of the National Pollutant Discharge Elimination System that could include: local jurisdiction approval of on-site water quality treatment facilities, development of an operation and maintenance plan for any on-site water quality treatment facility as determined by local jurisdiction.

EXCAVATION/ CONSTRUCTION

35. Open cutting of pavement shall be only allowed areas specifically approved by District Manager or representative.
36. ✓ Trench backfill in surface shall be according to the typical attached as Exhibit A.
37. ✓ Open cutting of the highway will be allowed with construction in accordance with OAR 734-55-040. All excavation in paved areas shall be backfilled and the roadway surface patched before the end of each shift. In special cases where steel plates are allowed, said plates shall be pinned and a temporary cold patch applied to the edges. The permittee shall be fully responsible for the monitoring and the maintenance of temporary patching and steel plating.
38. ✓ Compaction test will be required for each open cut per ODOT Standard Specification for Highway Construction. Tests shall be conducted every 300 LF per each 12-inch lift off a continuous trench by standard AASHTO T99 method. At the discretion of the District Manager or representative results of such test shall be given to District Manager or representative at applicants expense.
39. ✓ Control Density Fill (CDF) shall be used as surface back-fill material in place of crushed rock in open trenches that affect the travel portions of the highway. A 3/4"-0 rock will be used for the aggregate. The amount of concrete used shall not exceed 3% of the total mixture's weight. Maximum compressed strengths must not exceed 100-150 psi.
40. ✓ Surface restoration shall be a minimum of 6" of hot AC, or match existing AC depth, compacted in 2" lifts whichever is less.
41. ✓ All rock shall be from a ODOT Certified material source.
42. ✓ Any area of cut or damaged asphalt shall be restored in accordance with the attached "T" type drawing. For a period of 2 years following the patched paved surface, the applicant shall be responsible for the

Applicant

ODOT Rep 2-14-00 Date

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condition of said pavement patches, and during that time shall repair to the District Manager or representatives satisfaction any of the patches which become settled, cracked, broken or otherwise faulty.

43. ✓ An overlay to seal an open cut area shall be completed prior to the end of the construction season, or when minimum temperature allows per ODOT Standard Specification for Highway Construction. Typical overlay shall be 1 1/2" deep and cover the affected area from edge of pavement to edge of pavement, and taper longitudinally 50':1". Taper may be adjusted by the District Manager as required. For a period of two years following this patching of the surface, the applicant shall be responsible for the condition of said pavement patches, and during that time shall repair to the District Manager or representative's satisfaction any of the patches which become settled, cracked, broken or otherwise faulty.
44. Highway crossing shall be bored or jacked. Bore pits shall be located behind ditch line or in areas satisfactory to the District Office. Unattended pits shall be protected by a 6-foot fence or shall be backfilled or steel plated and pinned.
45. Applicant shall provide proof that encasement of the facility is unnecessary to maintaining the structural integrity of the roadway. (Documentation submitted shall be stamped by a registered Structural Engineer)
46. ✓ Trench backfill outside of ditch line or in approved areas can be native soil compacted at optimum moisture in 12" layers to 90% or greater of the maximum density.
47. ✓ Native material found to be unsatisfactory for compaction shall be disposed of off the project, and granular backfill used.
48. ✓ Trench backfill in rock slope or shoulder shall be crushed 1"-0 or 3/4"-0 size rock compacted at optimum moisture in 12" layers to 95% of maximum density by standard AASHTO T99 method.
49. ✓ Where excavation is on fill slope steeper than 2:1 slope protection shall be used with 4"-0 size rock laid evenly to a minimum depth of 12".
50. ✓ No more than 300' of trench longitudinally along the highway shall be LEFT open at any one time and no trench shall be left in an open condition overnight.
51. ✓ Areas of disturbed cut and fill slopes shall be restored to a condition suitable to the District Manager or representative. Areas of erosion to be inlaid with an acceptable rip rap material.
52. ✓ All underground utilities shall be installed with a 3' or more clearance from existing or contract plans guardrail post and attachments. All non-metallic water, sanitary and storm sewer pipe shall have an electrically conductive insulated 12 gauge copper tracer wire the full length of the installed pipe using blue

Applicant

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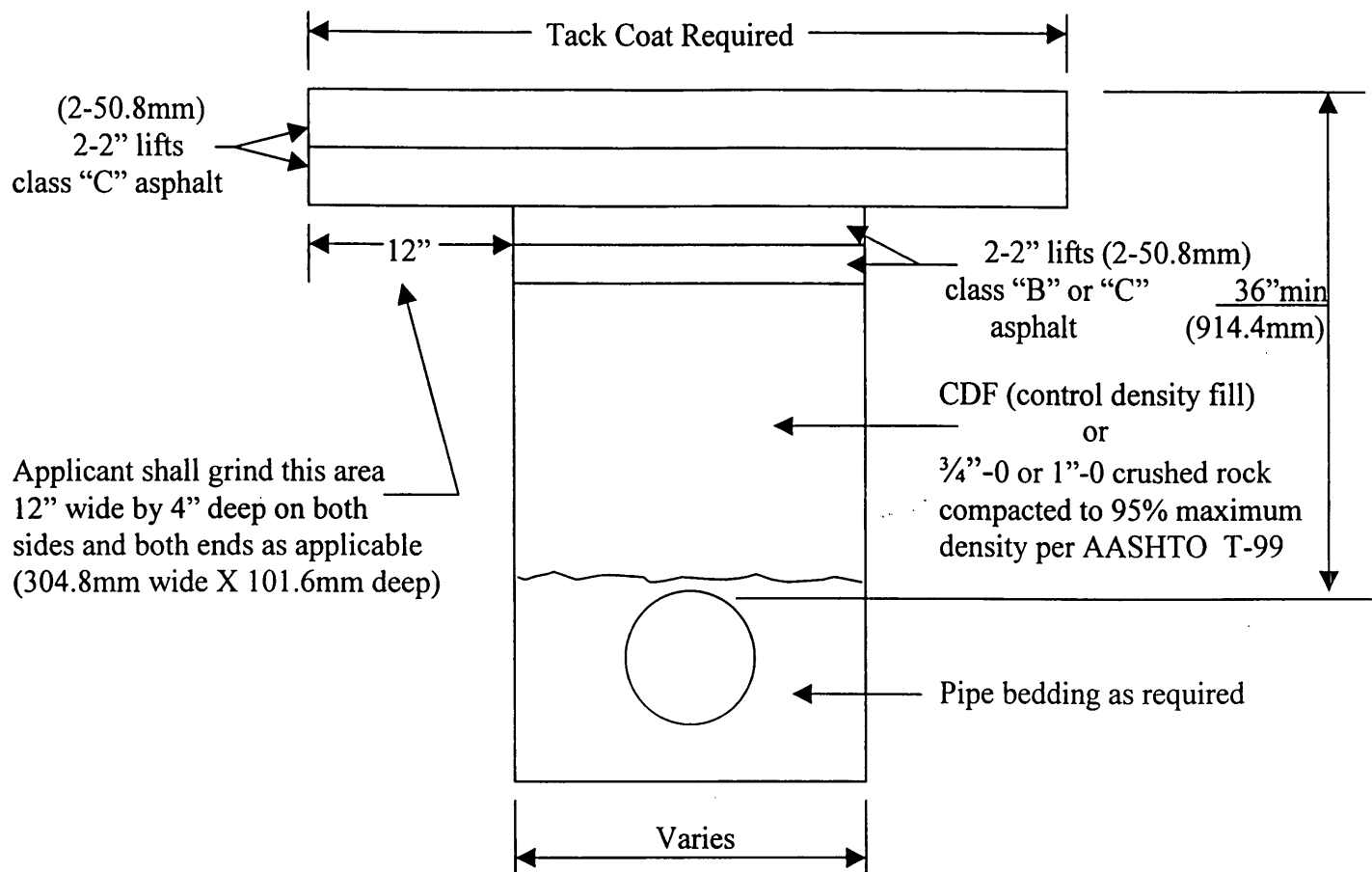
wire for water and green for storm and sanitary sewer piping.

53. Any area of cut or damaged concrete shall be restored in accordance with the attached Typical Section-Pipe Section under sidewalk. (Drawing attached).
54. Signs and pedestals shall be placed as near the highway right-of-way line as practical. In no case shall pedestals and line markers be located within the highway maintenance area.
55. No cable plowing is allowed within the lateral support of the highway asphalt (i.e. at 6' lower than the edge of the asphalt, no plowing with 9' of the edge of the asphalt).
56. The applicant or their contractor shall notify the District Permit Specialist [(503)986-²⁸⁷⁶~~5776~~ or FAX (503) 986-2881] at least 48 hours in advance of commencing work covered by this permit. (OAR 734-50-040).
57. Plans are approved in general only. Field changes may be required by the District Manager or representative. When revisions are made in the field, as-built drawings will be submitted to the District Office.

____ Applicant _____ ODOT Rep 2-14-00 Date

TYPICAL SECTION
EXHIBIT A
"T"-CUT

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Backfill material shall be specified either CDF, $\frac{3}{4}$ "-0 or 1"-0 moist crushed aggregate compacted to minimum of 95% of the maximum density of the material placed in 6" (152.4mm) maximum lifts.

Asphalt emulsion tack coat shall be used to seal the asphalt to the edges of the existing asphalt. All cut areas shall be sand sealed.

Asphalt wearing surface shall be placed to a minimum compacted thickness of 4" (101.6mm) or the thickness of the removed pavement whichever is greater (maximum 2 lifts) or replace in kind. The trench also must have a minimum of 4" (101.6mm) of compacted asphalt.

Cut areas shall be cold patched at the end of the workday and the patch maintained. Cold patch area shall be HOT patched within 5 days or as specified by the District Manager or Representative.

**APPLICATION AND PERMIT TO OCCUPY OR
PERFORM OPERATIONS UPON A STATE HIGHWAY**

See Oregon Administrative Rule, Chapter 734, Division 55

PERMIT NUMBER

X 03M 37366

GENERAL LOCATION				PURPOSE OF APPLICATION (TO CONSTRUCT/OPERATE/MAINTAIN)		
HIGHWAY NAME AND ROUTE NUMBER Pacific West (US 99W)				☐ POLE LINE	TYPE	MIN. VERT. CLEARANCE
HIGHWAY NUMBER 1W	COUNTY 36 = YAMHILL			☐ BURIED CABLE	TYPE	
BETWEEN OR NEAR LANDMARKS On Center Street				☒ PIPE LINE	TYPE Sanitary Sewer	
HWY. REFERENCE MAP 10B-11-4	DESIGNATED FREEWAY ☐ YES ☒ NO		IN U.S. FOREST ☐ YES ☒ NO	☐ NON-COMMERCIAL SIGN		
APPLICANT NAME AND ADDRESS City of Newberg Community Development Dept 719 E. First St Newberg, OR 97132 Attn.: Paul Chiu, PE, Engineering Division				MISCELLANEOUS OPERATIONS AND/OR FACILITIES AS DESCRIBED BELOW		
				BOND REQUIRED ☒ YES ☐ NO	REFERENCE: OAR 734-55 035(2)	AMOUNT OF BOND \$10,000
				INSURANCE ☒ YES ☐ NO	REFERENCE: OAR 734-55 035(1)	SPECIFIED COMP. DATE March 1, 2001

DETAIL LOCATION OF FACILITY(For more space attach additional sheets)

MILE POINT	TO	MILE POINT	ENGINEERS STATION	ENGINEERS TO STATION	SIDE OF HWY OR ANGLE OF CROSSING	DISTANCE FROM		BURIED CABLE OR PIPE		SPAN LENGTH
						CENTER OF PVMT	R/W LINE	DEPTH/VERT.	SIZE AND KIND	
23.30 (conn. to Hancock)			H25 + 740		60 deg	curb to curb		per attach. drawing profile	533mm (21") PVC	33.5m
23.24N (First St)			F25 + 720		90 deg	curb to curb		ditto	ditto	21.3m

DESCRIPTION AND LOCATION OF NON-COMMERCIAL SIGNS OR MISCELLANEOUS OPERATIONS FACILITIES

SPECIAL PROVISIONS (FOR MORE SPACE ATTACH ADDITIONAL SHEETS)

- TRAFFIC CONTROL REQUIRED ☒ YES [OAR 734-55-025(6)] ☐ NO - OPEN CUTTING OF PAVED OR SURFACED AREAS ALLOWED? ☒ YES [OAR 734-55-100(2)] ☐ NO [OAR 734-55-100(1)]
- 3 **AT LEAST 48 HOURS BEFORE BEGINNING WORK, THE APPLICANT OR HIS CONTRACTOR SHALL NOTIFY THE DISTRICT REPRESENTATIVE AT TELEPHONE NUMBER: Dave Davies (503) 986-2684 OR FAX A COPY OF THIS PAGE TO THE DISTRICT OFFICE AT: (503) 986-2695 SPECIFY TIME AND DATE IN THE SPACE BELOW.**
- 4 **WITHIN 30 DAYS OF COMPLETION OF THE PROJECT THE ATTACHED NOTICE OF COMPLETION POSTCARD SHALL BE SIGNED AND RETURNED TO THE DISTRICT OFFICE.**
- 5 **A COPY OF THIS PERMIT AND ALL ATTACHMENTS SHALL BE AVAILABLE AT THE WORK AREA DURING CONSTRUCTION.**
- 6 **ORS 757.54 TO 757.571 REQUIRES EXCAVATORS TO LOCATE AND PROTECT ALL EXISTING UNDERGROUND UTILITIES. YOU MAY BE HELD LIABLE FOR DAMAGES. CALL FOR UTILITY LOCATES. CALL BEFORE YOU DIG. 1-800-332-2344**

COMMENTS

Utility work involves ODOT project "Everest St.-Main St. (Newberg) Sec.", project key 05602. Contact Ron Clay or Dave Davies at (503) 986-2900 for information.

See attached Special and General Provisions.

IF THE PROPOSED APPLICATION WILL AFFECT THE LOCAL GOVERNMENT, THE APPLICANT SHALL ACQUIRE THE LOCAL GOVERNMENT OFFICIAL'S SIGNATURE BEFORE ACQUIRING THE DISTRICT MANAGER'S SIGNATURE.

LOCAL GOVERNMENT OFFICIAL SIGNATURE <i>X [Signature]</i>		TITLE COMMUNITY DEV'T Director	DATE 7-7-00
APPLICANT <i>X [Signature]</i>	APPLICATION DATE 7-13-00	TITLE PRESIDENT W.A. Jones Co.	TELEPHONE NO.
When this application is approved by the Department, the applicant is subject to, accepts and approves the terms and provisions contained and attached: and the terms of Oregon Administrative Rules, Chapter 734, Division 55, which is by this reference made a part of this permit.			DISTRICT MANAGER OR REPRESENTATIVE <i>X [Signature]</i>
			APPROVAL DATE 7/14/2000

SPECIAL PROVISIONS

Everest Street—Main Street (Newberg) Section
Pacific Highway West

Permit involves a proposed city sanitary sewer facility installation, which runs within city street right-of-way on Center Street, and crosses state highway jurisdiction (curb-to-curb) on Hancock and First Streets, at MP 23.30 (southbound) and MP 23.24N (northbound), respectively, in the City of Newberg.

Applicant: City of Newberg, Community Development Department, as designed by Paul Chiu, PE, Engineering Division for the city.

Type of relocation/adjustment work: 21-inch sanitary PVC pipe

Specified Completion Date: March 1, 2001

Project Manager: Ron Clay

Asst. Project Manager: Dave Davies (503) 986-2684

Fax (503) 986-2695

No.Special Provision

- 7 Project may involve environmentally sensitive area(s). Applicant/permittee shall be responsible and liable for (1) investigating presence/absence of any legally protected or regulated environmental resource(s) in the action area; (2) determining any and all restrictions or requirements that relate to the proposed actions, and complying with such, including but not limited to those relating to hazardous material(s), water quality constraints, wetland, archeological or historic resource(s), state and federal threatened or endangered species, etc.; (3) complying with all federal, state, and local laws, regulations, rules and ordinances, whether environmental in nature or other, pertaining to the proposed action, and obtaining all required and necessary permits and approvals.

If applicant/permittee impacts a legally protected/ regulated resource, applicant/permittee shall be responsible for all costs associated with such impact, including, but not limited to all costs of mitigation and rehabilitation, and shall indemnify, defend and hold harmless ODOT for such impacts and be responsible and liable to ODOT for any costs or claims that ODOT may have.

Direct your questions for environmental concerns to the local ODOT contact, Nick Testa (503) 986-3519, at Salem.

- 8 Erosion controls shall be employed, maintained and adjusted, as necessary, under the direction of the Project Manager or his representative.

During utility construction, runoff from the work site(s) shall be controlled, whereby, increased sediments resulting from soil disturbance shall be retained on-site.

Erosion control measures are (but not limited to) temporary drainage diversions,

____ Applicant Q ODOT Rep. 7-14-01 Date

sediment traps, barriers, check dams, matting of straw mulch or other methods as necessary to prevent and/or minimize negative impacts to water quality and related natural resources.

At the end of each shift, Applicant will protect disturbed ground by spreading a 1-inch thick straw mulch mat. Once work area(s) is(are) complete, a hand casted local common grass seed variety(ies) shall be spread and lightly covered with straw.

Applicant's equipment shall leave and enter the highway using clean gravel approaches. Soiled equipment shall be cleaned while resting on the gravel approaches. Soil shall not be tracked onto the highway road surface. Applicant shall maintain and restore gravel approaches (as directed by the Project Manager) to an as is or better condition.

ORS 570.570 states, "contractors duty to clean machinery before moving, weed infested residue not to be moved; no person operating or having control of any machinery shall move said machinery over any public road without first thoroughly cleaning it."

- 9 Project is within a sensitive business community. All affected businesses shall receive two (2) weeks advance notice of planned temporary restricted parking and driveway approach access. Notice shall be delivered personally, by door hanger message or affixed to visible business building access(es). One (1) business-day prior to business traffic restriction, each business shall be issued "Second Notice", by method described above. Closure of any business access, driveway or drive-thru shall be pre-approved by the Project Manager.
- 10 All business and resident driveway access approaches shall be kept open. Approaches may be restricted to temporary one-way traffic movement for not more than one (1) access approach per business or residence in a one-week period. Temporary graveled surface may be constructed to open approach for a full-width traffic operation. Temporary graveled approaches shall be maintained daily, or as directed by ODOT project representative.
- 11 All work shall be according to the location plans submitted and approved, as noted, by ODOT Region Utility Specialist, Guy Johnson. Any proposed changes to the plans shall again be submitted to Mr. Johnson for approval.

Applicant



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- 12 All utility location plans shall be submitted to the Region Utility Specialist (or designated consultant engineering firm) in electronic format, MicroStation, Bentley version. Plans shall be synchronized to project control network using same horizontal and vertical datum. A plan view for all utility facility work and profile, for proposed underground facilities, shall be included in the Applicant's submitted design file (.dgn format).

Delete
A. Johnson
6-29-00
13 Prior to excavation, Applicant shall deliver field "stake-out" points list to the Project Manager, or his representative, for approval. See Special Provision 22.

- 14 All "verified" utility as-built plans shall be submitted to the Region Utility Specialist (or designated consultant engineering firm) in electronic format, MicroStation, Bentley version. Plan view (and profile for underground facilities) of installed utility facility shall be included in the submitted 3D (three dimension) design file (.dgn). Deliver to 455 Airport Rd. SE, Bldg. B, Salem 97301-5395. Permit Performance Bond will not be released until as-built drawing and depth verification document(s) are received and ODOT final inspection made.

"Verified" as-built plans means, an Oregon licensed professional engineer has certified by memo that there are no errors or omissions to the data contained within the as-built data and CADD information. The as-built data shall report in both paper plot and electronic design file, the Applicant's structure in its precise location, vertical (for underground facilities) and horizontal alignments, using three-dimension coordinates based on the project's survey control network.

Field data that supports the as-built drawing verification certificate, such as test hole data sheets, survey references data, or survey field notes shall be submitted with the drawing and engineer's certificate.

- 15 All future utility facilities laid underground within the project shall be as-built verified by a professional engineer certification, which reports the utility structure's precise location, vertical and horizontal alignments, using three-dimension coordinates based on the project's survey control network.

All future utility installation as-built plans shall be submitted to the District Permit Specialist in electronic format, MicroStation, Bentley version.

- 16 Should traffic control be needed, it shall conform to the requirements of the ODOT Short Term Traffic Control Manual, 1998 edition. Flaggers to possess current flagging certificates. 48-business hours prior to setting up traffic control, a traffic control plan shall be reviewed and approved by Dave Davies, Assistant Project Manager. His fax number is (503) 986-2695.

- 17 Travel lane closure restrictions: No closures are allowed between 7:00 AM to 8:00 PM,

Applicant OD ODOT Rep. 2/4-00 Date

all days of the week.

Same lane restrictions and maintenance of traffic as specified to ODOT Contractor requirements. See project Special Provisions section 00225—Work Zone Traffic Control.

- 18 A 5-year pavement cut moratorium shall be in effect after any portion of the project final paving is made, expiring January 1, 2008. If open cutting is necessary a full pavement restoration shall be made per attached notice dated December 10, 1999.

It is recommended that stub-outs for future use are incorporated into Applicant's utility project design, to minimize future costs associated with said moratorium.

- 19 All water from trench de-watering that enters highway drainage system shall be treated. Treatment shall consist of containing silted water and allowing the settlement of particulate matter before discharge off work site. Applicant shall be under the direction of the Project Manager or his representative if enhanced drainage treatments are necessary to protect the environment.
- 20 All valve box adjustments within pavements shall conform to the attached detail. Existing valve cover lids shall be papered and paved over. After pavement mat has cooled, utility shall cut out pavement and adjust the valve box to match new pavement grade and cross-slope. Hi-early setting concrete (3300 psi) with steel reinforcement shall fill around adjusted valve box.
- 21 All manhole cover adjustments within pavements shall conform to the attached detail. Existing manhole cover lids shall be papered and paved over. After pavement mat has cooled, utility shall cut out pavement and adjust the manhole cover frame to match new pavement grade and cross-slope. Hi-early setting concrete (3300 psi) with steel reinforcement shall fill around adjusted manhole cover frame.

- 22 All proposed facility installations shall be field staked by Applicant, ~~whereby, a stake-out list is produced.~~ All angle points in the facility alignment shall be staked. All highway and street crossings shall be staked. All tees, wyes, boxes, valves, anchors, vaults, poles, and meters shall be staked. Coordinates (x,y and z), based on the project control network, ~~shall be listed for each staking and delivered to the project inspector for his review. Utility construction shall not begin until the ODOT project inspector approves of the utility field stake-out points list.~~

- 22 Applicant shall perform test holes, per General Provision 41 and for as-built verification per requirement shown on approved plan, to expose and physically measure the horizontal and vertical location of the installed facility.

Test holes are not required if installed facilities are referenced and recorded while trench is open, prior to backfilling.

Employ non-invasive method to perform sub-surface utility exploration (test holes) within pavement areas.

Applicant



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shall be used.
L. Johnson
RUS
6-29-00

Test hole excavation and pavement restoration methods shall involve hand tools or other non-invasive, non-destructive means, such as vacuum excavation, to expose existing buried utility facilities to determine exact horizontal and vertical location.

An area no larger than 0.093m² (1.0 sq. ft.) shall be cut into the existing pavement. Excavation shall be backfilled using recovered or imported granular material. Aggregate backfill shall be CDF (Controlled Density Fill) material, a low-strength (1000 psi) dry cement treated aggregate, equivalent to a one (1) sack mix. The bottom first 300mm (12 in.) shall be hand tamped, remaining compaction shall be made every 150mm (6 in.) above the first lift, using a pneumatic or hydraulic compaction device. Pavement shall be patched using a permanent cold patching material such as UPM (Unique Pavement Material, a polymer asphalt mixture) or equivalent and compacted in 2 inch lifts with a pneumatic or hydraulic device, for a total depth to match or exceed the existing pavement surfacing thickness.

- 23 Applicant shall comply with Hazmat specifications contained in the attached Step Procedures entitled, "Permit Specification Involving Utility Facility Trench Excavation Within Anticipated and Unanticipated Contaminated Earth, Encountered On Projects". Applicant shall deposit \$3,000 with the District Permit Specialist to cover ODOT hazmat inspection. All unused funds will be returned to Applicant when requested, after all trench backfill activities have been completed.
- 24 Pursuant to ORS 366.321, it is ODOT policy to reimburse the city for facilities in which the city owns and operates within its own city right-of-way. An "X" permit shall be issued. The Commission acknowledges that the sanitary sewer facility covered by this permit occupies Applicant's right-of-way. Consequently, OAR 734-55-020 (1), (2) & (3); OAR 734-55-025 (1) & (2); and all of OAR 734-55-045 shall not apply to this permit and the Commission agrees to reimburse the Applicant for costs incurred in removing or relocating said sanitary sewer facility if said removal or relocation is required at any future time by the Commission. Reference Exhibit A.
- 25 Applicant shall excavate and backfill pipe trench per attached typical section "T"-Cut drawing. A full width pavement overlay is not required because these areas at Center Street/Hancock Street and Center Street/First Street will be reconstructed by the ODOT project.

Applicant



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03M 37366APPLICANT City of Newberg HIGHWAY Pacific West MP 23.30 and 23.24N**WORKSITE**

1. ✓ Applicant must call for utility locates before digging (1(800) 332-2344). You may be held liable for damages.
2. ✓ Applicant shall have a copy of this permit and all attachments at the work site, available to the District Maintenance Manager or representative at their request.
3. Contractor to acknowledge receipt of and review of, by letter, the Oregon Administrative Rules (Chapter 734-55) governing miscellaneous facilities and operations on the highway right of way as the governing provisions of this permit or agreement.
4. Access control fence must be maintained during construction and restored to it's original or better condition after construction is complete.
5. ✓ The permittee shall not use the right of way to display advertising signs or merchandise of any kind.
6. ✓ The stopping and parking of vehicles upon State Highway right of way for the maintenance of adjoining property or in furtherance of any business transaction or commercial establishment is prohibited.
7. ✓ All grass and small brush within the work area shall be rotary or flail mowed to ground level prior to the beginning of work to facilitate clean up. Disturbed areas shall be re-seeded with grass native to the area in an appropriate seeding time. Applicant must obtain an *Application and Permit for Trimming or Spraying Trees (Form 734- 3281)* prior to the cutting of trees or brush upon the State Highway right-of-way.
8. ✓ The spreading of mud or debris upon any State Highway is strictly prohibited and violation shall be cause for immediate cancellation of the permit. Clean up shall be at the applicant's expense. The highway shall be cleaned of all dirt and debris at the end of each work day, or more frequently if so determined by the District Manager or representative.
9. ✓ All equipment shall be parked off the right-of-way or in areas acceptable to the District Manager or representative.
10. Permittee shall replace any landscape vegetation or fences that are destroyed. Any damage that is not fully recovered within 30 days (weather permitting) shall be replaced by ODOT at the expense of the permittee. A "plant establishment" shall be understood to be part of the planting work to assure satisfactory growth of planted materials. The plant establishment period will begin when the original planting and all

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landscape construction has been completed and approved. The length of the establishment period will be one calendar year or as defined in the Special Provisions.

11. Applicant will install and maintain landscaped area as shown on the attached drawings. Planting shall be limited to low growing shrubs, grass or flowers that do-not attain sufficient height to obstruct clear vision in any direction. The Commission or Engineer shall have the right to remove said landscaping at any time such removal may appear to the Commission to be in the public interest, without liability or loss, injury, or damage or any nature whatsoever.

TRAFFIC

27. ✓ The work area during construction or maintenance performed under the permit provisions shall be protected in accordance with the current Manual on Uniform Traffic Control Devices for Streets and Highways, US Department of Transportation, and the Oregon Department of Transportation Short Term Traffic Control Handbook and supplements thereto. Flaggers must have a card or certificate indicating their completion of an approved work zone traffic control course. All traffic control devices shall be maintained according to the A.T.S.S.A. Quality Standards for Work Zone Traffic Control Devices handbook.
28. ✓ Contractor to provide a detailed traffic control plan for each phase of the work, showing signs and cones. Plans to be submitted for approval by the Asst. Project Manager or representative in advance of construction of maintenance. **Contact Dave Davies at (503) 986-2684.**
29. ✓ All damaged or removed highway signs shall be replaced by the applicant. Installation shall be according to MUTCD standards or District Manager's specifications, and shall be completed as so as possible no later than the end of the work shift.
30. ✓ No work will be permitted on the roadway during hours between ^{5:30} ~~7:00~~ AM to 8:30 PM without prior authorization of the District Manager or representative.
31. ✓ Hours of works involving traffic control shall be according requirements shown in Special Provisions.

DRAINAGE

32. On site storm drainage shall be controlled within the applicants property. No blind connections to existing state facilities.
33. ✓ Excavation shall not be done on the ditch slopes. Trench excavation shall either be at ditch bottom or outside the ditch area. (Minimum depth at bottom of ditch-36", minimum depth at the outside of ditch-42")

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34. ✓ Only earth or rock shall be used as fill material and shall slope so as not to change or adversely affect existing drainage. Fine grade and seed the finished fill with native grasses to prevent erosion.

35. The Oregon Department of Transportation is not legally obligated to accept additional water into its drainage system beyond what is naturally entering the system. The drainage system along the highway was originally designed to accept the water naturally entering the system at the time of construction. The acceptance of additional run-off created by development could overload the system.

To evaluate your request for connection to ODOT storm drainage system we will need you to provide a storm drainage study prepared by a registered engineer meeting the standards of the National Pollution Discharge Elimination Systems (NPDES) if any of the following conditions apply: 1) whenever a 4" pipe is inadequate to serve the developed area, 2) development site is 1 acre or larger in size and directly or indirectly affects state facilities, 3 or as directed by the District Manager or representative.

This study should estimate the amount of water currently naturally entering the ODOT drainage system as well as the amount you are proposing to drain into the system from your property. The study shall be based on a 50-year flood event.

36. An advance deposit of \$_____ (order to render service) is required for ODOT Hydraulics Engineer (Bridge Section) to review and approve storm study calculations.

37. You will be required to provide "on site" retainage for storm water run-off that exceeds that of undeveloped site.

38. ✓ All water discharged to an ODOT drainage system will be treated prior to discharge. All requests for connection to an ODOT storm sewer system will meet any requirements of the National Pollutant Discharge Elimination System that could include: local jurisdiction approval of on-site water quality treatment facilities, development of an operation and maintenance plan for any on-site water quality treatment facility as determined by local jurisdiction.

EXCAVATION/ CONSTRUCTION

39. Open cutting of pavement shall be only allowed areas specifically approved by District Manager or representative.

40. Trench backfill in surface shall be according to the typical attached as Exhibit A, "T" cut detail.

41. ✓ A non-invasive, non-destructive excavation method is required. Hand tools or vacuum excavation method shall be used to expose underground utilities to determine the exact horizontal and vertical location. An area no larger than 0.093m² (1.0 sq. ft.) shall be cut into the existing pavement. No more than 2 test holes per intersecting utility are allowed.

42. ✓ Open cutting of the highway will be allowed with construction in accordance with OAR 734-55-040. All

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excavation in paved areas shall be backfilled and the roadway surface patched before the end of each shift. In special cases where steel plates are allowed, said plates shall be pinned and a temporary cold patch applied to the edges. The permittee shall be fully responsible for the monitoring and the maintenance of temporary patching and steel plating.

43. ✓ Compaction test will be required for each open cut per ODOT Standard Specification for Highway Construction. Tests shall be conducted every 300 LF per each 12-inch Lift off a continuous trench by standard AASHTO T99 method. At the discretion of the District Manager or representative results of such test shall be given to District Manager or representative at applicants expense.
44. ✓ Control Density Fill (CDF) shall be used as surface back-fill material in place of crushed rock in open trenches that affect the travel portions of the highway. A 3/4"-0 rock will be used for the aggregate. The amount of type-2 cement used shall not exceed 3% of the total mixture's weight. Maximum compressed strengths must not exceed 100-150 psi.
45. ✓ Surface restoration shall be a minimum of 6" of hot AC, compacted in 2" lifts whichever is less.
46. ✓ All rock shall be from a ODOT Certified material source.
47. ✓ Any area of cut or damaged asphalt shall be restored in accordance with the attached "T" type drawing. For a period of 2 years following the patched paved surface, the applicant shall be responsible for the condition of said pavement patches, and during that time shall repair to the District Manager or representatives satisfaction any of the patches which become settled, cracked, broken or otherwise faulty.
48. An overlay to seal an open cut area shall be completed prior to the end of the construction season, or when minimum temperature allows per ODOT Standard Specification for Highway Construction. Typical overlay shall be 1 1/2" deep and cover the affected area from edge of pavement to edge of pavement (curb-to-curb), and taper longitudinally 50':1". Taper may be adjusted by the District Manager as required. For a period of two years following this patching of the surface, the applicant shall be responsible for the condition of said pavement patches, and during that time shall repair to the District Manager or representative's satisfaction any of the patches which become settled, cracked, broken or otherwise faulty.
49. ✓ Highway crossing may be bored or jacked. Bore pits shall be located behind ditch line or in areas satisfactory to the District Office. Unattended pits shall be protected by a 6-foot fence or shall be backfilled or steel plated and pinned.

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50. Applicant shall provide proof that encasement of the facility is unnecessary to maintaining the structural integrity of the roadway. (Documentation submitted shall be stamped by a registered Structural Engineer)
51. ✓ Trench backfill outside of ditch line or in approved areas can be native soil, if approved by ODOT project representative, compacted at optimum moisture in 12" layers to 90% or greater of the maximum density.
52. ✓ Native material found to be unsatisfactory for compaction shall be disposed of off the project, and granular backfill used.
53. ✓ Trench backfill in rock slope or shoulder shall be crushed 1"-0 or 3/4"-0 size rock compacted at optimum moisture in 12" layers to 95% of maximum density by standard AASHTO T99 method.
54. ✓ Where excavation is on fill slope steeper than 2:1 slope protection shall be used with 4"-0 size rock laid evenly to a minimum depth of 12".
55. ✓ No more than 300' of trench longitudinally along the highway shall be LEFT open at any one time and no trench shall be left in an open condition overnight.
56. ✓ Areas of disturbed cut and fill slopes shall be restored to a condition suitable to the District Manager or representative. Areas of erosion to be inlaid with an acceptable rip rap material.
57. ✓ All underground utilities shall be installed with a 3' or more clearance from existing or contract plans guardrail post, drainage facility and attachments. All non-metallic water, sanitary and storm sewer pipe shall have an electrically conductive insulated 12 gauge copper tracer wire the full length of the installed pipe using blue wire for water and green for storm and sanitary sewer piping.
58. Any area of cut or damaged concrete shall be restored in accordance with the attached Typical Section-Pipe Section under sidewalk. (Drawing attached).
59. ✓ Signs and pedestals shall be placed as near the highway right-of-way line as practical. In no case shall pedestals and line markers be located within the highway maintenance area.
60. ✓ No cable plowing is allowed within the lateral support of the highway asphalt (i.e. at 6' lower than the edge of the asphalt, no plowing within 9' of the edge of the asphalt).
61. ✓ All pipe and bridge attachment hardware shall be submitted to the ODOT Operations Structural Coatings Coordinator for approval.
62. ✓ Expansion joints of an ODOT approved type to be located in the close proximity with the expansion joints of the structure. ODOT Bridge Office Practice Manual attached
63. ✓ Adhesive anchors only are acceptable for support brackets. For a list of acceptable adhesive anchors or

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more information, see the ODOT Bridge Office Practice Manual.

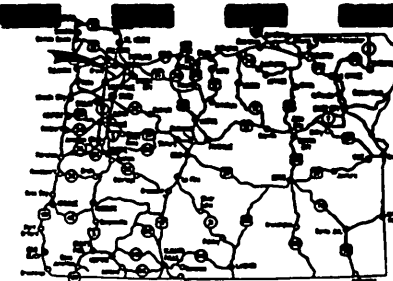
64. ✓ Field drilled holes in the stiffeners and areas damaged by drill shall be painted with two coats of zinc-rich primer prior to assembly. Methods shall be approved by ODOT Operations Structural Coatings Coordinator.
65. ✓ Neoprene gaskets to be placed between the mounting plates and stiffeners. ODOT Bridge Office Practice Manual attached
66. The applicant shall hire a registered professional engineer to inspect the project. The Engineer shall ensure the quality construction and conformance to ODOT standards, specifications and general provisions. Inspection reports shall be faxed to this office daily during construction (503) 986-2881. Upon conclusion of this project a PE stamped "as constructed" drawing shall be submitted to this office within a minimum of 45 days of ODOT acceptance.
67. ✓ The applicant or their contractor shall notify the District Permit Specialist [(503)986-5776 or FAX (503) 986-2881] at least 48 hours in advance of commencing work covered by this permit. (OAR 734-50-040).
68. ✓ Plans are approved in general only. Field changes may be required by the District Manager or representative. All as-built drawings shall be accurately produced and shall be submitted to the Region Utility Specialist for review. Upon approval of the as-built drawing, bond(s) shall be released by the Region Utility Specialist.

Applicant

ODOT Rep 7-14-00 Date

SHEET NO.	DESCRIPTION
1	Title Sheet

DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED PROJECT



GRADING, STRUCTURE, PAVING, SIGNING & SIGNAL
**BRUTSCHER ST. - EVEREST ST. &
EVEREST ST. - MAIN ST. (NEWBERG) SECS.**
PACIFIC HIGHWAY WEST
YAMHILL COUNTY
AUGUST 2000

Overall Length Of Project - XX.XXX km (0.00 Miles)

ATTENTION :
Oregon Law Requires You To Follow Rules
Adopted By The Oregon Utility Identification Center.
These Rules Are Set Forth In OAR 922-001-0010 Through
OAR 922-001-0090. You May Obtain Copies Of The Rules From The Center.
Or Answer To Questions About The Rules By Calling 800-532-1967.

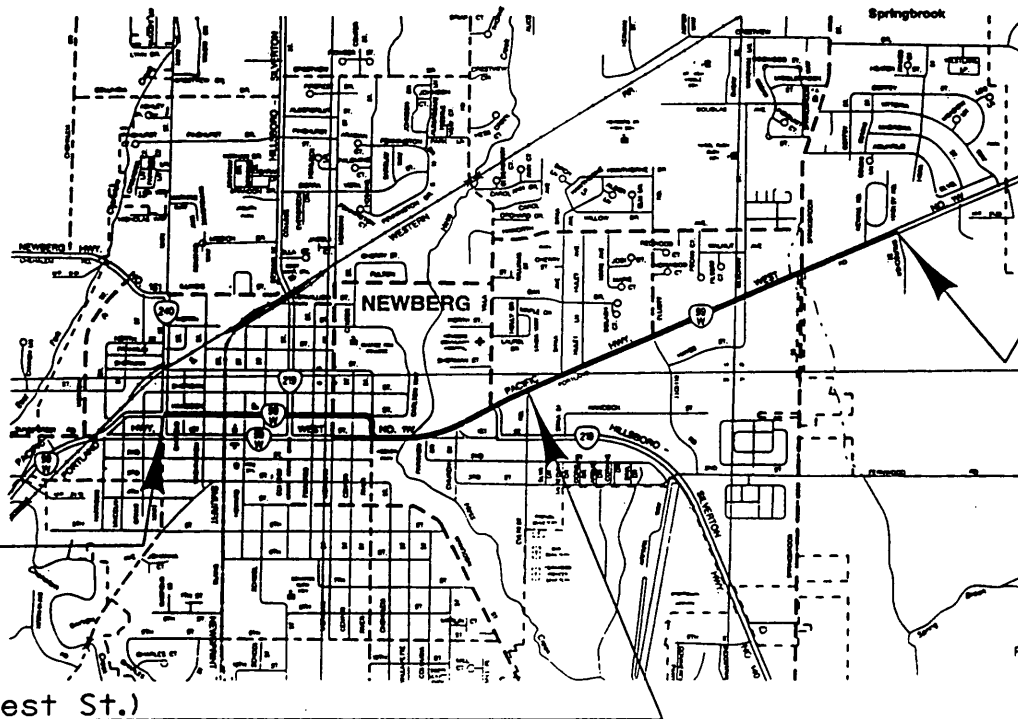
LET'S ALL
WORK TOGETHER
TO MAKE THIS
JOB SAFE

PRELIMINARY COPY
3-20-2000
INFORMATION ONLY
ROADWAY ENGINEERING
DESIGN UNIT

EXHIBIT A

END OF PROJECT (Main St.)
STA. 26+485 (M.P. 23.76)

BEGIN. & END OF PROJECT (Everest St.)
STA. 24+990 (M.P. 22.80)



BEGINNING OF PROJECT
(Brutcher St.)
STA. 23+390 (M.P. 21.87)

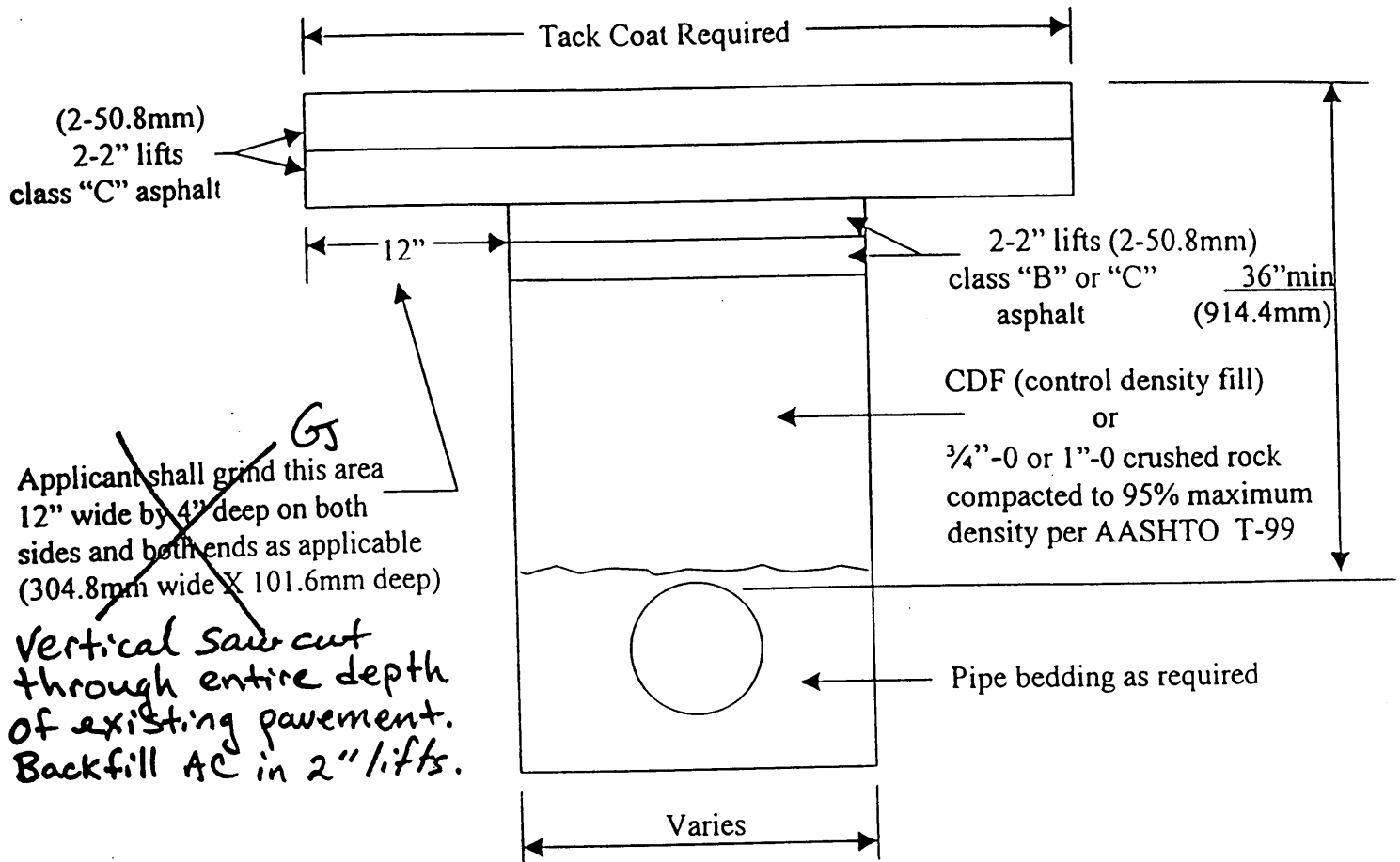
OREGON TRANSPORTATION COMMISSION	
Henry H. Hewitt	CHAIRMAN
Susan Brody	VICE CHAIRMAN
Steven H. Corey	CHIEF ENGINEER
Shuart Foster	CHIEF ENGINEER
John Russell	CHIEF ENGINEER
Grace Crumlin	DIRECTOR OF TRANSPORTATION
Jeffrey Schelck	
TECHNICAL SERVICES MANAGING ENGINEER	
BRUTSCHER ST. - EVEREST ST. EVEREST ST. - MAIN ST. (NEWBERG) SECS. PACIFIC HIGHWAY WEST YAMHILL COUNTY	
FEDERAL HIGHWAY ADMINISTRATION	PROJECT NUMBER
REGION 10	OREGON DIVISION

03M 37366

Regarding proposed 21-inch sanitary sewer project affecting Hancock and First Streets on Center Street, City of Newberg is qualified for "X" permit per ORS 366.321.
Guy Johnson RUS 5-10-00

TYPICAL SECTION
EXHIBIT A
"T"-CUT

03M 37366



- ☐ Backfill material shall be specified either CDF, 3/4"-0 or 1"-0 moist crushed aggregate compacted to minimum of 95% of the maximum density of the material placed in 6" (152.4mm) maximum lifts.
- ☐ Asphalt emulsion tack coat shall be used to seal the asphalt to the edges of the existing asphalt. All cut areas shall be sand sealed.
- ☐ Asphalt wearing surface shall be placed to a minimum compacted thickness of 4" (101.6mm) or the thickness of the removed pavement whichever is greater (maximum 2 lifts) or replace in kind. The trench also must have a minimum of 4" (101.6mm) of compacted asphalt.
- ☐ Cut areas shall be cold patched at the end of the workday and the patch maintained. Cold patch area shall be HOT patched within 5 days or as specified by the District Manager or Representative.

Project